

1954

Breeding Nursery

Book 1

2001-3684

U. S. DEPARTMENT OF AGRICULTURE
AGRICULTURAL RESEARCH ADMINISTRATION

BUREAU OF PLANT INDUSTRY, SOILS
AND AGRICULTURAL ENGINEERING

CEREAL CROPS AND DISEASES

AGRONOMIC NOTES

3030 has much
white deposit on leaves.
ask Johns about it,

----- TEST OF -----, 19-----

CONDITIONS OF EXPERIMENT

PLOT

Location-----

Size-----

SOIL

Kind-----

Position-----

Previous crop-----

NAME AND CONDITION OF MACHINERY

Plow-----

Disk-----

Harrow-----

Seeder-----

SEED

Variety-----

Weight per bushel-----

Source-----

Treatment-----

SEED BED

Preparation :

1. -----

2. -----

3. -----

4. -----

5. -----

6. -----

SEEDING

Manner-----

Date-----

Rate-----

TEST OF _____, 19_____

CONDITIONS OF EXPERIMENT

PLOT

Location_____

Size_____

SOIL

Kind_____

Position_____

Previous crop_____

NAME AND CONDITION OF MACHINERY

Plow_____

Disk_____

Harrow_____

Seeder_____

SEED

Variety_____

Weight per bushel_____

Source_____

Treatment_____

SEED BED

Preparation:

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

SEEDING

Manner_____

Date_____

Rate_____

_____ TEST OF _____, 19____

CONDITIONS OF EXPERIMENT

PLOT

Location_____

Size_____

SOIL

Kind_____

Position_____

Previous crop_____

NAME AND CONDITION OF MACHINERY

Plow_____

Disk_____

Harrow_____

Seeder_____

SEED

Variety_____

Weight per bushel_____

Source_____

Treatment_____

SEED BED

Preparation :

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

SEEDING

Manner_____

Date_____

Rate_____

TEST OF _____, 19_____

CONDITIONS OF EXPERIMENT

PLOT

Location_____

Size_____

SOIL

Kind_____

Position_____

Previous crop_____

NAME AND CONDITION OF MACHINERY

Plow_____

Disk_____

Harrow_____

Seeder_____

SEED

Variety_____

Weight per bushel_____

Source_____

Treatment_____

SEED BED

Preparation :

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

SEEDING

Manner_____

Date_____

Rate_____

----- TEST OF -----, 19-----

CONDITIONS OF EXPERIMENT

PLOT

Location-----

Size-----

SOIL

Kind-----

Position-----

Previous crop-----

NAME AND CONDITION OF MACHINERY

Plow-----

Disk-----

Harrow-----

Seeder-----

SEED

Variety-----

Weight per bushel-----

Source-----

Treatment-----

SEED BED

Preparation:

1. -----

2. -----

3. -----

4. -----

5. -----

6. -----

SEEDING

Manner-----

Date-----

Rate-----

TEST OF _____, 19_____

CONDITIONS OF EXPERIMENT

PLOT

Location_____

Size_____

SOIL

Kind_____

Position_____

Previous crop_____

NAME AND CONDITION OF MACHINERY

Plow_____

Disk_____

Harrow_____

Seeder_____

SEED

Variety_____

Weight per bushel_____

Source_____

Treatment_____

SEED BED

Preparation :

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

SEEDING

Manner_____

Date_____

Rate_____

----- TEST OF -----, 19-----

CONDITIONS OF EXPERIMENT

PLOT

Location-----

Size-----

SOIL

Kind-----

Position-----

Previous crop-----

NAME AND CONDITION OF MACHINERY

Plow-----

Disk-----

Harrow-----

Seeder-----

SEED

Variety-----

Weight per bushel-----

Source-----

Treatment-----

SEED BED

Preparation :

1. -----

2. -----

3. -----

4. -----

5. -----

6. -----

SEEDING

Manner-----

Date-----

Rate-----

TEST OF _____, 19_____

CONDITIONS OF EXPERIMENT

PLOT

Location_____

Size_____

SOIL

Kind_____

Position_____

Previous crop_____

NAME AND CONDITION OF MACHINERY

Plow_____

Disk_____

Harrow_____

Seeder_____

SEED

Variety_____

Weight per bushel_____

Source_____

Treatment_____

SEED BED

Preparation :

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

SEEDING

Manner_____

Date_____

Rate_____

SAMPLE PAGE

VARIETAL TEST OF OATS, 1908

CONDITIONS OF EXPERIMENT

PLOT

Location-----Field H.
Size-----1/20 acre.

SOIL

Kind-----Prairie loam.
Position-----Somewhat rolling.
Previous crop-----Corn.

NAME AND CONDITION OF MACHINERY

Plow-----
Disk-----Osborn-----Sharp.
Harrow-----U Bar-----Good.
Seeder-----Monitor-----Good.

SEED

Variety-----Variable.
Weight per bushel-----Variable.
Source-----Variable.
Treatment-----Fanned clean and treated for smut.

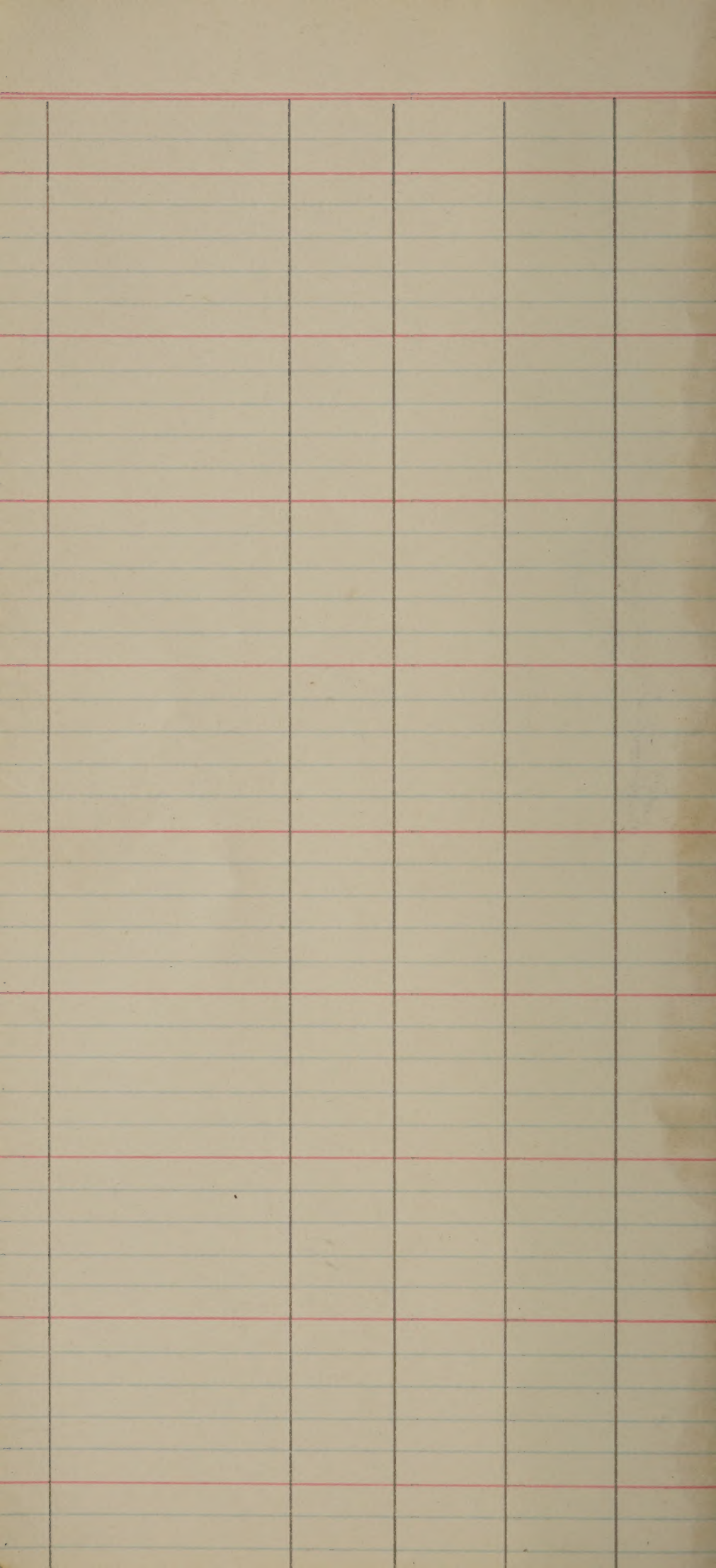
SEED BED

Preparation :

1. Disked (lapped half)-----4-6-'08.
2. Disked (lapped half)-----4-10-'08.
3. Harrowed-----4-10-'08.
4. Harrowed-----4-27-'08.
5. Seeded-----4-27-'08.
6. Harrowed-----4-27-'08.

SEEDING

Manner-----Drilled.
Date-----4-27-'08.
Rate-----3 bushels per acre by weight.



		1st Hd	Full Hd	Full Ripe	
2001	F ₃ B515A1-1 CP231 x PJ-184,812 5/06	7/25 wk straw,	8/5	8/25	
2002	-2	7/19	7/30	8/20	
2003	-3	7/19	7/30	8/20	
2004	-4	7/22	8/2	8/22	short straw & green, slight whorls, ripe grain action short, blunt end to grain
2005	-5	7/16	7/27	8/17	
2006	-6	7/21	7/31	8/21	wk. straw,
2007	-7	7/23	8/3	8/25	wk. straw
2008	-8	7/17	7/28	8/17	

6-13	BSISA1-9	CP231xP1	184, 8/2	2009
		7/16	7/29	X
			BQ. 8/20	
-10	7/19	" 7/27	8/20	2010
				X
-11	7/19	" 7/29	8/17	2011
				X
-12	7/24	" 8/3	8/17	2012
				X
-13	7/18	" 7/29	8/17	2013
				X
-13	7/21	" 7/31	8/21	2014
	wk straw			X
-14	7/17	" 7/28	8/30	2015
	wk straw			X
-15	7/24	" 8/3	8/25	2016
				X

		1st Hd	Full Hd	Full Ripe	
2017	B5/5A1-16 CP231 x PI-184, 8/2	7/20	7/31	8/20	5/6 5/06-13
2018	-17 wk. straw	7/23	8/2	8/19	
2019	-18 wk. straw	7/24	8/4	8/25	5/11-13
2020	Cent. Patna -231, check -19	7/26	8/7	8/30	Cent. PR
2021	-20 wk. straw	7/18	7/28	8/17	
2022	-21	7/16	7/26	8/17	
2023	-22 wk. straw	7/18	7/28	8/17	
2024	-23 wk. straw	7/26	8/6		

1st
HDFull
HDFull
Ripe

B515A1-24	7/18	7/29	8/17	2025	X
-13					
-25	7/25	8/7	8/25	2026	X
wk. straw					
-26	7/22	8/2	8/22	2027	X
wk. straw					
-27	7/25	8/	8/25	2028	X
a very good row, green straw productive					
-28	7/23	8/3		2029	X
-29	7/22	8/3	8/25	2030	X
wk. straw					
-30	7/18	7/29	8/20	2031	X
wk. straw					
-31	7/25	8/10	8/25	2032	X

		1st Hd	Full Hd	Full Ripe	
22033	B515A1-32 wk. straw	7/19	7/30	8/20	5/11-1
22034	-33 wk. straw	7/23	8/3	8/25	
22035	-34 wk. straw	7/22	8/2	8/25	
22036	-35	7/26	8/9	8/25	
22037	-36 wk. straw	7/24	8/3	8/19	
22038	-37 wk. straw	7/25	8/5	8/25	
22039	-38 wk. straw	7/22	8/3	8/25	
22040	Century Patna 231, Check 7/28	8/10	8/28	Cent	

1st
HdFull
HdFull
Ripe

B 51541-39

11-13

7/24

8/3

8/25

2041

X

-40

7/25

8/4

8/25

2042

wk. straw

X

-41

7/24

8/4

8/25

2043

a very good row
excellent grain texture
shorter than any strain.

X

-42

7/19

7/30

8/20

2044

wk. straw

X

-43

7/19

7/30

8/17

2045

X

-44

7/25

8/5

8/25

2046

X

-45

7/18

7/30

8/19

2047

X

-46

7/23

8/3

8/25

2048

Sowed 3 hds from one plant

X

		1st Hd	Full Hd	Ripe	
2049	B515A1-47	7/25	8/7	8/25	5/11/12
X					
2050	-48	7/25	8/9	8/25	
X					
2051	-49	7/18	7/30	8/20	
X	wk. straw				
2052	-50	7/26	8/10	8/25	
X					
2053	-51	7/25	8/8	8/25	
X	wk. straw				
2054	-52	7/21	7/31	8/20	
X	wk. straw				
2055	-53	7/19	7/30	8/20	
X					
2056	-54	7/24	8/7	8/25	
X	wk. straw				

	1st hd	Full hd	Ripe	
B515A1-55 1/13	7/25	8/9	8/25	2057 X
-56	7/25	8/10	8/25	2058 X
-57 wk. straw	7/24	8/7	8/25	2059 X
Blurbornet 50, Check BB 50				2060 X
-58 wk. straw	7/23	8/3	8/25	2061 X
-59	7/24	8/8	8/25	2062 X
-60	7/25	8/10	8/25	2063 X
B516A1-1 1/4	7/24	8/7	8/25	2064 Century x CI 8150

188
HdFull
Hd

Ripe

2065	25/6A1- 2	Century x CI 8/150	8/1	8/14	9/1
X					5/14
2066	-3	"	7/25	8/10	8/25
X					
2067	-4	"	7/25	8/10	8/25
X					
2068	-5	"	7/25	8/10	8/25
X					
2069	-6	"	7/25	8/10	8/25
X					
2070	-7	"	8/1	8/2	9/1
X	✓ good row than most	sturdy	sturdy	sturdy	in row 20
2071	-8	"	7/18	7/30	8/19
X					
2072	-9	"	7/24	8/8	8/25
X					

1st
hdFull
hd

Ripe

114	BS16A1-10	Century x C18150	7/25	8/10	8/25	2073
						X
	-11	7/25	"8/10	8/25	2074	X
	-12	7/24	"8/9	8/25	2075	X
	-13	7/25	"8/8	8/25	2076	X
	-14	7/26	"8/10	8/20	2077	X
	-15	7/25	"8/9	8/25	2078	X
	-16	7/24	"8/8	8/25	2079	X
	Century Patna 231, Check	8/2	8/13	9/3	2080	X

1st
hd

Full
hd

Ripe

2081 B516A1-17 Century x CI 8150 5/14
8/2 8/14 8/7

Tail

2082 -18 7/26 8/10 8/30
gold p fuller grow than Cent, good

2083 -19 7/25 8/10 8/25

2084 -20 7/23 8/10 8/25
family Uni, wk straw not too tall
long, v. sl, 11 grain

~~2085~~ -21 +

~~2086~~ -22 -

~~2087~~ -23 +

~~2088~~ -24 +

					2089
					2090
					2091
					2092
					2093
					2094
					2095
					2096

1st
HdFull
Hd

Ripe

~~2097~~~~2098~~~~2099~~~~2100~~

B516A1-21 Century x CI 8150 5114

21015
X wk straw 7/18 7/28 8/1721025 -22
X 7/19 7/29 8/1521035 -23
X wk straw 7/16 7/29 8/1721045 -24
X wk straw 7/19 7/31 8/17
seq

188
HFull
H

Ripe

516A1-25 114	Century x C.I. 8150	7/24	8/8	8/19	2105	X
-26		7/24	" 8/8	8/19	2106	X
B517A1-1 15	Century x (Hill Sel x BBT)	7/10	7/28 seg	8/17	2107	X
-2		7/8	" 7/20	8/6	2108	X
-3		7/12	" 7/21	8/15	2109	X
-4		7/13 seg.	" 7/22	8/15	2110	X
-5	showing lot of segregation	7/11	" 7/25	8/12	2111	X
-6		7/16	7/28	8/11	2112	X

		1st Hd	Full Hd	Ripe	
2113	B517A1-7	Century x (Hill Sel x BBT)	7/14 segregation	7/27	8/15
2114	-8	7/13	"	7/26	8/5
2115	-9	7/13	"	7/28	8/15
2116	-10	7/10 segregation	"	7/27	8/12
2117	-11	7/8	"	7/19	8/4
2118	-12	7/10	"	7/19	8/4
2119	-13	7/12 segregation	"	7/19	8/17
2120	B4512A1-20	Hill Sel x BBT, Check	7/18	7/29	8/2

1st
HdFull
Hd

Ripe

B517A1-15	Century x (Hill Sel x BB)	7/12	7/27	8/12	2121
					X
-16		7/11	7/29	8/2	2122
					X
-17		7/11	7/26	8/2	2123
					X
-18		7/13	7/28	8/15	2124
					X
-19		7/12	7/26	8/12	2125
					X
-20		7/13	7/26	8/2	2126
					X
-21		7/13	7/29	8/2	2127
					X
-22		7/11	7/19	8/1	2128
					X

1st
HdFull
Hd

Rye

2129	B517A1-23	Century x (Hill Sel x BBT)	5/15
X		7/13	7/26 8/4
2130	-24	7/14	7/29 " 8/5
X			
2131	B517A2-1	Century x (Hill Sel x BBT)	5/16-1
X		7/13	7/26 8/4
2132	-2	7/15	7/26 " 8/15
X			
2133	-3	7/14	7/26 " 8/4
X		segregation	
2134	-4	7/12	7/19 " 8/1
X			
2135	-5	7/14	7/28 " 8/17
X			
2136	-6	7/17	7/29 " 8/17
X		segregation	

184
44Full
40

Pipe

B517A2-7	7/12	7/25	8/14	2137
-8	7/12	7/27	8/4	2138
-9	7/13	7/27	8/4	2139
Century Patna 231 - Check	7/26	8/4	8/25	2140
-10	7/17 seq.	7/29	8/20	2141
-11	7/15	7/26	8/15	2142
-12	7/20	7/30	8/10	2143
-13	7/11 seq.	7/28	8/15	2144

		1st Hd	Full Hd	Ripe	Hd
2145	B517A2 -14	Century x (Hill Sel x BBT)			5/16-1
X		7/14	7/28	8/10	
2146	-15	7/19	7/30	" 8/20	
X		seg			
2147	-16	7/12	7/23	" 8/5	
X		seg			
2148	-17	7/18	7/29	" 8/17	
X		seg			
2149	-18	7/18	7/29	" 8/17	
X					
2150	-19	7/19	7/30	" 8/10	
X		seg			
2151	-20	7/18	7/28	" 8/10	
X					
2152	-21	7/15	7/29	" 8/10	
X					

1st
HdFull
Hd

Ripe

B517A2-22	Century x (Hill Sel x BBT)	2153
116-18	7/14 7/26 8/10	X
-23	7/14 7/28 8/13	2154
-24	7/14 7/25 8/10	2155
-25	7/18 7/30 8/20	2156
-26	7/14 7/26 8/10	2157
-27	7/14 7/25 8/14	2158
-28	7/18 8/3 8/18	2159
B4512A1-20	Hill Sel x BBT, Check	2160
12	7/2 7/30 8/17	X

1st
40

Full
40

Ripe

B517A2-29 Century x (Hill Sel x BBT)

2161

7/18

7/30

8/20

5/16

X

2162

-30

7/15

7/26

8/10

seq

X

2163

-31

7/17

7/28

8/16

X

2164

-32

7/18

7/28

8/20

X

2165

-33

7/15

7/27

8/17

X

2166

-34

7/17

7/27

8/10

X

2167

-35

7/18

7/30

8/10

seq

X

2168

-36

7/14

7/26

8/10

X

1st
HdFull
Hd

Ripe

B517A2-37 Century x (Hill Sel x BBT)

6-18

2169

7/13

7/25

8/10

2169

-38

7/13

7/25

8/17

2170

seg

-39

7/17

7/27

8/10

2171

-40

7/16

7/26

8/10

2172

-41

7/13

7/28

8/12

2173

-42

7/13

7/28

8/10

2174

seg

-43

7/11

7/26

8/10

2175

seg

-44

7/14

7/28

8/14

2176

		1st Hd	Full Hd	Ripe	
2177	B517A2-45	Century	x	(Hill Sel x BBT	
		7/17	7/20	8/11	5/16-78
2178	-46	7/13	7/24	" 8/17	
	9d=72.5 : -5-5 ; 2				
2179	-47	7/13	7/23	" 8/10	
2180	-48	Century	Patna 23/	Choc	
		7/26	8/5	8/25	Cent
2181	-48	7/14	7/24	" 8/15	
		seq.			
2182	-49	7/12	7/23	" 8/17	
		seq			
2183	-50	7/18	7/28	" 8/10	
2184	-51	7/17	7/27	" 8/17	
		seq			

1st
HBFull
HB

Ripe

14

B517A2-52		Century x (Hill Sel x BBT)			22015
		7/19	7/30	8/19	X
-53	-53	7/11	7/19	8/10	2202
					X
	-54	7/12	7/19	8/10	2203
		seg			X
-55	-56	7/13	7/26	8/12	2204
					X
	-56	7/12	7/27	8/13	2205
					X
	-57	7/14	7/24	8/16	2206
					X
	-58	7/12	7/21	8/10	2207
					X
	-59	7/13	7/25	8/15	2208
					X

		1st Hd	Full Hd	Ripe	
X	2209	B517A2-60 Century x (Hill Sel x BBT) 5/186-			
		7/11	7/21	8/12	
X	2210	-62	7/13	7/26 "	8/10
X	2211	-62	7/11	7/21 "	8/10
X	212	-63	7/14	7/26 "	8/14
X	2213	-64	7/22	8/4 "	8/19
X	2214	-65	7/23	8/4 "	8/19
X	2215	-66	7/11	7/21 "	8/11
X	2216	-67	7/12	7/26 "	8/14 5/18

		1st hd	Full hd	Ripe	
118	-68	7/11	7/21 seg	8/10	2217
	-69	7/14	7/26	8/12	2218
	-70	7/26	8/5	8/25	2219
B45/2A1-20		7/17	Hill Sel x BBT, Check 7/27	8/20	2220
5/7A3-1		7/13	Century x (Hill Sel x BBT)	8/15	2221
-	-2	7/11	"	8/10	2222
	-3	7/12	"	8/10	2223
	-4	7/12	"	8/10	2224

1st
HdFull
Hd

Ripe

2225	B517A3-5	Century x (Hill Sel x BBT)	7/11	7/26	8/10 3/19
X					
2226	-6		7/11	7/22 "	8/10
X					
2227	-7		7/11	7/21 "	8/10
X					
2228	-8		7/15	7/27 "	8/15 seg
X					
2229	-9		7/15	7/27 "	8/10 seg
X					
2230	-10		7/12	7/22 "	8/10 seg
X					
2231	-11		7/14	7/26 "	8/10 seg
X					
2232	-12		7/12	7/23 "	8/10 seg
X					

119	B517A3-13	Century x (Hill Sel x BBT)	7/13	7/26	8/10	2233	X
	-14	"	7/13	7/26	8/10	2234	X
	-15	"	7/15	7/27	8/10	2235	X
	-16	"	7/12 seg	7/25	8/10	2236	X
	-17	"	7/15	7/27	8/18	2237	X
	-18	"	7/12	7/26	8/10	2238	X
	-19	"	7/13 seg	7/24	8/10	2239	X
150	Bluebonnet 50, Check		8/9	8/19		2240	X

		1st 40	Full 40	Ripe	
2241	B517A3 - 20	Century	x (Hill Sel x BBT)	5119	
		7/12	7/28	8/10	"
2242	-21	7/13	7/26	8/10	
		req			
2243	-22	7/14	7/27	8/10	
		req			
2244	-23	7/11	8/7	8/12	
			req		
2245	-24	7/10	7/24	8/10	
2246	-25	7/13	7/23	8/10	
2247	-26	7/12	7/23	8/10	
2248	-27	7/18	7/28	8/16	

1st
HdFull
Hd

Ripe

	1st Hd	Full Hd	Ripe	
B517A3-28	7/15	7/26	8/10	2249 X
-29	7/14	7/27	" 8/10	2250 X
-30	7/11 seg	7/21	" 8/13	2251 X
-31	7/14	7/24	" 8/16	2252 X
-32	7/11	7/27	" 8/13	2253 X
-33	7/13	7/23	" 8/13	2254 X
-34	7/18 seg	7/28	" 8/20	2255 X
-35	7/14 seg	7/24	" 8/14	2256 X

1st
HdFull
Hd

Ripe

2257 *B517A3 -36* Century x (Hill Se/xBBt)
7/14 7/27 8/10 5/19

2258 -37 7/16 7/26 " 8/16

2259 -38 7/12 7/23 8/10
seg

2260 Century Patna 231, Che
7/27 8/8 8/30

2261 -39 7/12 7/27 " 8/10 5/19

2262 -40 7/18 7/28 8/18
seg

2263 -41 7/18 7/28 8/18

2264 -42 7/17 7/27 " 8/10

1st
HdFull
Hd

Ripe

B517A3 - 43	Century x (Hill sel x BBT)	7/14	7/24	8/16	2265
	seg				X
-44		7/14	7/24	8/10	2266
					X
-45		7/13	7/23	8/14	2267
					X
-46		7/13	7/27	8/8	2268
					X
-47		7/11	7/25	8/8	2269
					X
-48		7/9	7/23	8/10	2270
	1-2 seg plants				X
-49		7/11	7/23	8/11	2271
					X
-50		7/15	7/28	8/10	2272
	seg				X

1st
HdFull
Hd

Ripe

BS17A3-51 Century x (Hill Sel x BBT)
2273 7/18 7/28 8/12 5/19

-52 7/14 7/24 " 8/16
2274

-53 7/18 7/30 " 8/19
2275 a chlorotic now, all plants are stopped at 5/2

-54 7/13 7/23 " 8/10
2276

-55 7/14 7/24 " 8/8
2277

-56 7/17 7/27 " 8/10
2278

-57 7/13 7/23 " 8/10
2279

B45/2A1-20 Hill Sel x BBT, Check
2280 7/12 7/29 8/10 7.2

1st
HdFull
Hd

Ripe

B517A3-58 Century x (Hill Sel x BBT)

7/13

7/23

8/10

2281

2009

-59

7/12

7/29

"

8/10

2282

-60

7/12

7/29

"

8/10

2283

-61

7/18

7/28

"

8/18

2284

2009

~~62~~

"

2285

~~63~~

"

2286

~~64~~

"

2287

~~65~~

"

2288

~~2289~~

~~2290~~

~~2291~~

~~2292~~

~~2293~~

~~2294~~

~~2295~~

~~2296~~

1st
HdFull
Hd

Ripe

20

~~2297~~~~2298~~~~2299~~~~2300~~

BS17A3-62 Century x (Hill Sel x BB4)

~~2301~~

7/15

7/29

8/10

-63

7/11

"

7/21

8/10

2302

-64

7/14

"

7/25

8/10

2303

seg

-65

7/12

"

7/22

8/8

2304

		1st Hd	Fwd Hd	Ripe	
B517A3-66	Century x (Hill Sel x BBT)				
2305		7/11	7/22	8/12	5/19
X					
2306	-67	7/11	7/22	8/12	
X					
2307	-68	7/11	7/28	8/11	7/11
X			seg		
2308	-69	7/12	7/30	8/12	7/11
X					
2309	-70	7/11	7/28	8/11	7/11
X			seg		
2310	-71	7/11	7/21	8/10	7/11
X			seg		
2311	-72	7/11	7/25	8/10	7/11
X					
2312	-73	7/14	7/24	8/10	7/11
X		seg			

1st
HdFull
Hd

Ripe

B517A3-74 Century x (Hill Sel x BBT)

7/12

7/24

8/10

2313

-75

7/11

7/24

"

8/11

2314

seq

-76

7/11

7/24

"

8/10

2315

seq

-77

7/9

7/22

"

8/10

2316

-78

7/11

7/23

"

8/10

2317

seq

-79

7/9

7/22

"

8/10

2318

-80

7/12

7/21

"

8/10

2319

Bluebonnet 50, Check

8/7

8/17

2320

		1st	Full	Ripe	
2321	B517A3-81	Century	x	(Hill)	Sal x BBT
X		7/19	9/30	8/20	5/19
2322	-82	"	"	"	"
X		7/11	7/23	8/10	
2323	-83	"	"	"	"
X		7/12	7/22	8/10	
2324	-84	"	"	"	"
X		7/12	7/22	8/10	
2325	-85	"	"	"	"
X		7/11	7/26	8/12	
2326	-86	"	"	"	"
X		7/12	7/27	8/12	7/12
			seg		
2327	-87	"	"	"	"
X		7/13	7/26	8/10	7/13
2328	-88	"	"	"	"
X		7/12	7/22	8/10	7/12

1st
HdFull
Hd

Ridge

	1st Hd	Full Hd	Ridge	
B517A3-89	Century x (Hill Sel x BBT)			2329
	7/11	7/25	8/10	X
-90	7/14	7/26	" 8/14 seq	2330
				X
-91	7/14	7/26	" 8/10	2331
				X
-92	7/17	7/27	" 8/10 seq	2332
				X
-93	7/12	7/25	" 8/10	2333
				X
-94	7/15	7/25	" 8/15 seq	2334
				X
-95	7/14	7/25	" 8/16 seq	2335
				X
-96	7/11	7/28	" 8/11 seq	2336
				X

		15 Hd	Full Hd	Ripe Hd	
2337	B517A3-97	Century x (Hill Sel x BBT)	7/11	7/28	8/10 5/19
2338	-98	7/12	7/25	"	8/10
2339	-99	7/15	7/29	"	8/10
2340	+100	Century Patna 231, Che	7/26	8/6	8/25 Cwt
2341	-100	7/15	7/26	"	8/10
2342	-101	7/11	7/24	"	8/10
2343	-102	7/14	7/28	"	8/13
2344	103	7/11	7/28	"	8/13

1st
HFull
H

Ripe

B517A3-104 Century x (Hill Sel x BBT)

1/9

7/18

7/28

8/18

2345

seg

X

-105

7/13

7/24

" 8/10

2346

X

-106

7/17

7/27

" 8/17

2347

wp. straw

seg

X

-107

7/12

7/25

" 8/10

2348

X

-108

7/18

7/28

" 8/10

2349

X

-109

7/15

7/26

" 8/15

2350

seg

X

-110

7/13

7/23

" 8/15

2351

seg

X

-111

7/14

7/25

" 8/10

2352

X

1st
HFull
H

Ripe

B517A3-112 Century x (Hill Sel x BBT)

2353

7/17

7/27

8/10

5/19

seq

-113

"

2354

7/14

7/24

8/10

seq

-114

"

2355

7/14

7/24

8/10

seq

-115

"

2356

7/14

7/25

8/10

seq

-116

"

2357

7/13

7/23

8/10

-117

"

2358

7/15

7/27

8/10

seq

-118

7/17

7/28

8/17

seq

2359

2360

B4512A1-20 Hill Sel x BBT, Check

72

1st
HdFull
Hd

Ripe

119	B517A3-119	Century x (Hill Sel x BBT)	7/12	7/25	8/10
					2361
	-120		7/11	7/26	8/11
					2362
	-121		7/12	7/25	8/12
					2363
	-122		7/18	7/28	8/18
				seg	2364
	-123		7/18	7/28	8/10
					2365
	-124		7/18	7/28	8/10
					2366
	-125		7/13	7/28	8/10
			seg		2367
	-126		7/13	7/27	8/10
					2368

		1st hd	Full hd	Ripe	HD
2369	B5/7A3-127	Century x (Hill Sel x BBT)	7/12	7/25	8/10
					5/19
2370	-128	7/14	7/25	8/14	1/14
				seg	
2371	-129	7/12	7/24	8/12	7/12
				seg	
2372	-130	7/18	7/28	8/20	
2373	-131	7/14	7/24	8/16	2/12
2374	-132	7/14	7/23	8/15	1/14
				seg	
2375	-133	7/18	7/28	8/19	
				seg	
2376	-134	7/12	7/30	8/10	1/10

152
HdFull
Hd

Ripe

B517A3-135 Century x (Hill Sel x BBT)
 7/14 7/24 8/10 2377

-136 " 7/15 7/28 8/15 2378

-137 " 7/14 7/24 8/14 2379

Bluebonnet 50, Check
 BT50 8/8 8/19 8/5 2380

B517A3-138 Century x (Hill Sel x BBT)
 7/14 7/24 8/14 2381

-139 " 7/12 7/28 8/12 2382
 seg

-140 " 7/11 7/28 8/12 2383
 seg

-141 " 7/15 7/30 8/15 2384

wk. straw

~~2385~~

~~2386~~

~~2387~~

~~2388~~

~~2389~~

~~2390~~

~~2391~~

~~2392~~

~~2393~~~~2394~~~~2395~~~~2396~~~~2397~~~~2398~~~~2399~~~~2400~~

		1st Hd	Full Hd	Ripe	
2401	B517A3-142	Century x (Hill Sel x BBT)			5/19
X		7/14	7/24	8/14	
			seg		
2402	-143			"	
X	mk. straw	7/11	7/25	8/11	
			seg		
2403	-144			"	
X		7/11	7/25	8/12	
2404	-145			"	
X		7/14	7/24	8/14	
			seg		
2405	-146			"	
X		7/11	7/21	8/11	
			seg		
2406	-147			"	
X		7/12	7/27	8/10	
2407	-148			"	
X		7/10	7/24	8/10	
2408	-149			"	
X		7/9	7/21	8/10	

1st
HdFull
Hd

Ripe

				1st Hd	Full Hd	Ripe	
B517A3-150	Century x (Hill Sel x BBT)			7/10	7/26	8/10	2409
					seg		✓
-151				7/11	7/27	8/10	2410
						"	✓
-152				7/12	7/27	8/12	2411
						seg	✓
-153				7/14	7/25	8/10	2412
						"	✓
-154				7/14	7/24	8/14	2413
						seg	✓
-155				7/12	7/22	8/10	2414
						"	✓

B517A4-1	Century x (Hill Sel x BBT)			7/25	8/4	8/25	2415
15-27							
8190	-5	3	-52.5				1/4

B517A4-2				7/25	8/4	8/25	2416
						"	2

1st Full Ripe
 B5/7A⁴-3 Century x (Hill Sel x BBT)
 2417 (B4510A1-77) 5/15.2
 7/27 8/9 8/30
 76.5, -3.5, 1½, 51.0

2418 - 4 " 7/25 8/4 8/25

2419 - 5 " 7/27 8/8 8/30

2420 Century Patna 231, Check 7/26 8/4 8/30 Cent

B5/7A⁴-6 Century x (Hill Sel x BBT)
 2421 8390(-3) x 2½, 55.0 (B4510A1-77)
 7/27 8/8 8/30
 V. good Cent type, gold

2422 - 7 " 7/28 8/8 8/30

2423 - 8 " 7/18 7/28 8/20
 Shorter & earlier than others

2424 - 9 " 7/25 8/3 8/25
 V good CP
 77.0, -6.0, 1, 91.5

15-27	3517A ⁴ -10	Century x (Hill Sel x BBT) (34510A1-77)	7/27	8/8	8/30	2425
	-11		7/26	8/4	8/30	2426
76.0,	-2.0,	1 $\frac{1}{2}$,	45.0			
	-12		7/29	8/9	8/31	2427
	-13		7/29	8/9	8/31	2428
	-14		7/27	8/8	8/30	2429
	-15		7/26	8/4	8/30	2430
81.5,	+3.5,	3,				
	-16		7/25	8/4	8/25	2431
	-17		7/28	8/9	8/30	2432

			18 40	Full 22	Ripe	
2433	B517A1-18	Century x (Hill Sel x BBT) (B4510A1-77)	7/29	8/8	8/31	5/15-2
		good Cent, clear gran leg. C.O.	85.5	+0.5	2 1/2	54.0
2434	-19		8/1	8/12	9/3	
2435	-20		7/27	8/7	8/30	
			73.0	-5.0	-	-
2436	-21		7/26	8/6	8/29	
2437	-22		7/18	7/28	8/20	
2438	-23		7/25	8/4	8/25	
			76.0	-2.0	2 1/2	-
2439	-24		7/29	8/9	8/31	
2440	B4512A1-20	Hill Sel x BBT, Check	7/19	7/29	8/10	72

1st
hdFull
hd

Ripe

15-27	B517A1-25	Century x (Hill Sel x BBT) (B4510A1-77)	7/27	8/8	8/30	2441
	-26	"	8/1	8/13	9/3	2442
	-27	"	7/25	8/6	8/25	2443
mark. straw	-28	"	7/27	8/8	8/30	2444
	-29	"	7/31	8/12	9/1	2445
	-30	"	7/31	8/10	9/1	2446
	-31	"	7/27	8/6	8/30	2447
	-32	"	7/27	8/6	8/30	2448

188
Hd

Full
Hd

Ripe

2449	B517A ⁴ -33	Century x (Hill Sel x BBT) (B 4510A1-77)	5/15-21
		7/25 8/4 8/25 ✓ 3.00, short stem	
		77.0 -8.0 2 1/2	51.0
2450	-34	7/24 8/4 8/25	"
2451	-35	7/30 8/10 8/31	"
2452	-36	7/27 8/6 8/30	"
2453	-37	7/27 8/6 8/30	"
2454	-38	7/29 8/8 8/31	"
2455	-39	7/31 8/10 9/1	"
2456	-40	7/30 8/12 8/31	" neg

1st
HdFull
Hd

Ripe

B517A ⁴ -41	Century x (Hill Sel x BBT) (B4510A1-77)	8/1	8/13	9/1	2457
-42	"	8/1	8/13	9/1	2458
show a v. good Centy, short v. uniform lit.					Dr
87.0	+2.0	2 1/2	61.5		
-43	"	7/30	8/10	8/31	2459
Bluebonnet 50, Check		8/1	8/11	9/1	2460
B517A ⁴ -44	Century x (Hill Sel x BBT) (B4510A1-77)	7/27	8/9	8/30	2461
-45	"	7/27	8/10	8/30	2462
-46	"	7/25	8/12	8/25	2463
-47	"	7/27	8/11	8/30	2464
Rather tall					Hr
78.0	0	-	19.5		

		1st Hd	Full Hd	Ripe	
2465	3517A ⁴ - 48 Century x (Hill Sel x BBT) (B4510A1-77) 51/5-2	7/30	8/10	8/31	
	short stem	70.0	-8.0	1½	57.0
	-49	7/30	8/10	8/31	
2466					
2467	-50	8/6	8/17	"	
2468	-51	7/30	8/10	8/31	
2469	-52	8/1	8/10	9/1	
	excellent texture,	76.0	-8.5	—	—
2470	-53	8/1	8/11	9/1	
2471	-54	8/4	8/16	"	
2472	-55	7/27	8/7	8/30	

1st
Hd

Full
Hd

Ripe

BS17A1-56 15-27	Century x (Hill Sel x BBT) (B4510A1-77)	7/27	8/6	8/30	2473
-57		8/3	8/13	9/1	2474
-58		8/1	8/11	9/1	2475
-59		8/8	8/18	9/10	2476
66.0 -12.0 -60	1	7/26	8/5	8/29	2477
-61		7/28	8/7	8/31	2478
-62		7/25	8/5	8/25	2479
Century Patna 231, Check		7/26	8/5	8/25	2480

1st
hdFull
hd

Ripe

2481	⁴ B517A1-63	Century x (Hill Sel x BBT (B 4510 A1-77)	7/25	8/9	5/15-21 8/25
2482		-64	8/1	" 8/13	9/1
2483		-65	8/1	" 8/13	9/1
2484		-66	7/27	" 8/9	8/30
2485					
2486					
2487					
2488					

~~2489~~~~2490~~~~2491~~~~2492~~~~2493~~~~2494~~~~2495~~~~2496~~

1st
HdFull
Hd

Ripe

2497

2498

2499

2500

2501 ~~B517A~~ - 67 Century x (Hill Sel x BBt) 51/5.2
 (B4510A1-77)
 7/27 8/8 8/27

2502 -68
 8/7 8/17 9/

2503 -69
 7/27 8/10 8/27

2504 -70
 7/27 8/9 8/27

49.0 -29.0 1 84.5

1st
NAFull
NA

Ripe

2nd line

15-27	BS17A1-71	Century x (Hill Sel x BBT)				2505
		(B4510A1-77)	7/29	8/10	8/31	
	-72	7/18	7/28	"	8/20	2506
	-73	7/25	8/5	"	8/25	2507
	-	-	-	-	28.5	
	-74	8/5	8/15	"		2508
	-75	7/27	8/11	"	8/27	2509
	-76	7/26	8/10	"	8/27	2510
		Short stem, V. good				
	83.5	-1.0	3	"	3/0	
	-77	7/26	8/10	"	8/27	2511
	-78	8/6	8/17	"	9/7	2512

		1st Hd	Full Hd	Ripe	
2513	B517A1-79	7/27	8/10	8/27	Century x (Hill Sel x BBT) (B4510A1-77) 5115-2
2514	-80	7/27	8/10	" 8/27	
2515	-81	7/25	8/6	" 8/25	
2516	-82	7/29	8/10	" 8/30	
2517	-83	7/25	8/6	" 8/25	
2518	-84	7/27	8/10	" 8/27	
2519	-85	7/25	8/6	" 8/25	
2520	B4512A1-20	7/19	7/29	8/20	Hill Sel x BBT, Check 72

1st
HdFull
Hd

Ripe

BS17A4- 15-27	86	Century x (Hill (B4510A1-77)	Sel x BBT)	2521
		8/1	8/11	9/1
	-87	8/10	8/17	9/7
		prints let. (BBT) met. v. Uniform		2522
	-88	7/29	8/10	8/31
				2523
	-89	7/30	8/10	8/31
				2524
	-90	8/6	8/16	9/6
				2525
	-91	7/29	8/10	8/31
				2526
	-92	7/29	8/10	8/31
				2527
	-93	7/27	8/10	8/27
				2528

		1st Hd	Full Hd	Ripe	
✓ 2529	B517A1-94	7/26	8/6	8/27	Century x (Hill Sel x BBt) (B4510A1-77) 57/3.2
✓ 2530	-95	7/25	8/6	8/25	"
✓ 2531	-96	7/27	8/9	8/27	"
✓ 2532	-97	61.5 8/3 Later than CP	-21.0 8/14	1 "	63.0
✓ 2533	-98	8/3 Later than CP	8/14	8/14	"
✓ 2534	-99	7/29	8/10	8/30	"
✓ 2535	-100	7/29	8/8	8/30	"
✓ 2536	-101	7/27	8/6	8/27	"

1st
HdFull
Hd

Ripe

BS17A⁴-102 Century x (Hill Sel x BBT)
 115-27 (B4510A1-77) 2537
 8/1 8/11 9/1

-103 7/27 8/10 " 8/27 2538

-104 7/25 8/5 " 8/27 2539

uebonnet 50, Check
 BT50 8/8 8/17 2540

BS17A⁴-105 Century x (Hill Sel x BBT)
 (B4510A1-77) 2541
 8/10 8/20

-106 8/1 8/13 " 9/1 2542

-107 8/1 8/11 " 9/1 2543

67.0 -15.5 — —
 -108 7/27 8/6 " 8/27 2544
 Nr

1st
HdFull
Hd

Ripe

B517A⁴-109 Century x (Hill Sel x BBT)
(B4510A1-77)

2545

7/31

8/10

8/31

2546

-110

7/31

8/10

"

8/31

2547

-111

7/26

8/11

"

8/29

2548

-112

7/30

8/8

"

8/31

2549

-113

7/27

8/12

"

8/29

2550

-114

8/1

8/11

"

9/1

Green straw - later than an.

73.0

-9.5

2

—

2551

-115

7/27

8/7

"

8/27

2552

-116

7/27

8/7

"

8/27

1st
HdFull
Hd

Ripe

15-27	BS/7A/-117	Century x Hill Sel x BBT (B45/DA1-77)	7/27	8/7	8/30	2553	✓	
	-118		7/27	8/10	"	8/30	2554	✓
	-119		7/26	8/10	"	8/26	2555	<u>Nu</u>
	-120		7/26	8/10	"	8/26	2556	✓
	-121		7/29	8/11	"	8/31	2557	✓
	-122		7/25	8/8	"	8/25	2558	✓
	-123		7/31	8/10	"	8/31	2559	✓
Century	Patna 231, Check		7/26	8/5	8/27	2560	✓	

1st
HdFull
Hd

Ripe

		1st Hd	Full Hd	Ripe	
2561	B517A1-124	Century x (Hill Sel x BBT)	B4510A1-77	5115-2	
✓		7/31	8/11	8/31	
2562	-125		"		
✓		7/31	8/11	8/31	
2563	-126		"		
✓		7/31	8/11	8/31	
2564	-127		"		
✓	a v. long C p row	7/29	8/12	8/30	
✓	smaller text	91.5	+5.5	3	26.0 PB
2565	-128		"		
✓		7/29	8/10	8/30	
2566	-129		"		
✓		7/27	8/9	8/30	
2567	-130		"		
✓		7/21	8/2	8/25	
2568	131		"		
✓		7/27	8/11	8/30	

19
44Full
42

Ripe

B517A-132 Century x (Hill Sel x BBH)

B 4510A1-77

2569

v. sturdy

7/29

8/11

8/31

An

87.0

+1.0

2½

" 63.0

(P.B.)

-133

7/27

8/6

8/30

2570

-134

7/25

8/4

"

8/25

2571

-135

7/29

8/11

"

8/31

2572

-136

7/25

8/4

"

8/25

2573

-137

7/29

8/10

"

8/31

2574

-138

8/1

8/15

"

9/1

2575

Later than
stam, good grainmood, v. sturdy
texture

82.0

-2.5

2½

55.0

-139

8/1

8/13

"

9/1

2576

		1st Hd	Full Hd	Pipe	
2577 ✓	B517A/-140	Century x (Hill Sel x BBT) B4510A1-77	7/27	8/10	8/30 5/15-2
2578 ✓	-141	69.0	-11.0	—	—
2579 ✓	-142	7/27	8/11	8/30	—
2580 ✓	B4512A1-20	Hill Sel x BBT, Check	7/19	7/29	8/19 72
2581 ✓	B517A/-143	Century x (Hill Sel x BBT) B4510A1-77	7/31	8/11	8/31
2582 ✓	-144	a very good CP type	—	—	3
2583 ✓	-145	7/27	8/11	8/30	—
2584 ✓	-146	7/27	8/10	8/31	—

1st
HdFull
Hd

Ripe

B517A1-147 5-27	Century x (Hill Sel x BBT) (B4510A1-77)	8/2	8/12	9/1	2601
-148		7/27	8/9	" 8/27	2602
-149		7/26	8/9	" 8/27	2603
-150		7/25	8/8	" 8/25	2604
-151		7/17 seg	7/27	" 8/10	2605
-152		8/3	8/15	"	2606
-153		8/1	8/11	" 9/1	2607
90.0 -154	+2.0	2 1/2	27.0	"	2608
		7/30	8/10	8/31	

		1st Hd	Full Hd	Ripe	
2609	B517A1-155	Century x (Hill Sel x BBT) (B4510A1-77)			5/15-2
✓		7/25	8/4	8/25	
2610	-156	7/30	8/10	"	8/31
✓					
2611	-157	8/7	8/17	"	9/1
✓					
2612	-158	8/1	8/12	"	9/1
✓					
2613	-159	7/29	8/9	"	8/31
✓					
2614	-160	7/25	8/4	"	8/25
✓					
2615	-161	7/26	8/8	"	8/27
✓					
2616	-162	7/27	8/9	"	8/27
✓					

1st
HDFull
HD

Ripe

BS17A ⁴ -163	Century x (Hill Sel x BBT)				
15-27	(B 4510A1-77)	7/26	8/8	8/27	2617
-					✓
-164		8/3	8/15	" 9/	2618
					✓
-165		7/25	8/4	" 8/25	2619
					✓
Bluebonnet 50, Check		8/10	8/21	9/	2620
250					✓
BS17A ⁴ -166	Century x (Hill Sel x BBT)				
	(B 4510A1-77)	7/27	8/9	8/27	2621
					✓
-167		7/31	8/11	" 8/31	2622
					✓
-168		7/27	8/9	" 8/30	2623
					✓
-169		7/25	8/4	" 8/25	2624
					✓

		1st Hd	Full Hd	Ripe	
2625	P517A ⁴ -170	Century x (Hill 3e1 x BBT) (B 4510A1-177)			5/13-27
✓		7/29	8/9	8/31	
2626	-171	7/27	8/8	"	8/27
✓					
2627	172	7/25	8/4	"	8/25
✓					
2628	-173	7/27	8/8	"	8/27
✓					
2629	-174	7/29	8/10	"	8/31
✓					
2630	-175	7/31	8/11	"	8/31
✓					
631	-176	7/27	8/6	"	8/31
✓					
632	-177	7/27	8/6	"	8/30
1/30		75.5	-8.0	1	77.5

18
18Full
40

Ripe

BS17A ¹⁴ 5-27	178	Century x (Hill Sel x BBH)	7/25	8/4	8/25	2633
	-179	"	7/25	8/4	8/25	2634
	-180	"	7/27	8/6	8/27	2635
	-181	"	8/3	8/13	9/1	2636
	-182	"	7/27	8/6	8/27	2637
	-183	"	7/29	8/8	8/31	2638
	-184	"	7/29	8/8	8/30	2639
Century Patna 23/	Check		7/25	8/5	8/25	2640

		1st hd	Full hd	Ripe	
2641	B517A ⁴ -185	Century x (Hill Sel x BBT) (B4510A1-77)			5/15-27
✓		7/26	8/5	8/26	
2642	-186	7/24	8/4	" 8/25	
✓					
2643	-187	7/18	7/28	" 8/20	
✓					
2644	-188	7/18	7/28	" 8/20	
✓					
2645	-189	7/27	8/6	" 8/27	
✓					
2646	-190	7/26	8/5	" 8/27	
✓					
2647	-191	7/30	8/10	" 8/31	
✓					
648	-192	8/7	8/17	" 9/1	
✓					

1st
4/1Full
4/1

Ripe

128 B5111A1-1	Century x Zayas	Bazan			
wk. straw	7/15	7/20	8/20	2649	
-2		"			
wk. straw	7/15	7/25	8/17	2650	
		seg			
-3		"			
	7/14	7/25	8/17	2651	
		seg			
-4		"			
	7/18	7/28	8/18	2652	
		seg			
-5		"			
wk. straw	7/19	7/30	8/19	2653	
		seg			
-6		"			
	7/21	7/31	8/25	2654	
-7		"			
	7/19	7/30	8/19	2655	
		seg			
-8		"			
wk. straw	7/19	7/29	8/20	2656	

		1st hd	Full hd	Ripe
2657	B511/A1-9 wb. straw	7/22	8/2	8/25 5/28
2658	-10	7/27	8/6	" 8/27
2659	-11 wb straw	7/20	7/30	" 8/20
2660	B4512A1-20	7/19	7/29	8/19 72 seg
2661	-12 wb straw	7/22	8/3	" 8/25
2662	-13	7/18	7/29	" 8/30
2663	-14	7/27	8/8	" 8/27
2664	-15	8/2	8/14	" 9/2

1st
hdFull
hd

Ripe

35111A1-16	Century	x Zayas	Bazan	
28	7/18	7/28	8/18	2665
		seq		
-17	7/17	7/27	8/17	2666
		seq		
-18	7/19	7/29	8/19	2667
		seq		
-19	7/24	8/3	8/25	2668
-20	7/22	8/1	8/25	2669
wk straw				
-21	7/22	8/1	8/25	2670
-22	7/23	8/2	8/25	2671
wk straw				
-23	7/20	7/31	8/20	2672

		1st Hd	Full Hd	Rife	
2673	B5111A1-24	7/12	7/22	8/15	Century x Zayas, Bazan 5/28
2674	-25	7/22	8/2	8/25	"
2675	-26	7/25	8/4	8/25	"
2676	-27	7/25	8/4	8/25	"
2677	-28 wh straw	7/25	8/4	8/25	"
2678	-29	7/24	8/4	8/25	"
2679	-30	7/25	8/4	8/25	"
2680	Bluebonnet 50, Check	8/8	8/18	9/1	BAT-50

1st
HdFull
Hd

Ripe

BSIIIAI-31 Century x Zayas Bazan
 7/21 8/1 8/21 2681

-32

7/24

8/10

"

2682

-33

7/25

8/4

"

8/25

2683

wk straw

-34

7/20

8/2

"

8/20

2684

wk straw

~~2685~~~~2686~~~~2687~~~~2688~~

2689

2690

2691

2692

2693

2694

2695

2696

1st
hdFull
hd

Ripe

~~2697~~

2698

2699

~~2700~~

28 PS111A1-35 Century x Zayas Bazan

7/26

8/7

2701

v. short straw, uniform,
good tillering, well crossed
with Century Palua

-36

7/24

8/4

2702

-37

7/24

8/4

2703

-38

7/27

8/7

2704

		1st hd	Full hd	Ripe	
2705	B5111A1-39	7/27	8/11	5/28	Century x Zayas Bazan
2706	-40	7/24	8/7	"	
2707	-41	7/24	8/7	"	
2708	-42	7/23	8/8	"	
2709	-43	7/20	7/31	"	
2710	-44	7/24	8/10	"	
2711	-45	7/23	8/	"	a very good row, many short strawed plants, watch
2712	-46	7/26	8/10	"	a good row

1st
4dFull
4d

Ripe

BS111A1-47

Century x Zayas Bazan

7/28

8/11

2713

-48

7/20

8/5

"

2714

-49

7/21

8/2

"

2715

-50

7/22

8/11

"

2716

-51

7/21

7/31

"

2717

-52

7/20

7/30

"

2718

-53

7/24

8/9

"

2719

Century Patna 23 1/2, Check

7/29

8/11

2720

		1st hd	Full hd	Ripe	
2721	B511A1-54	Century x Zoyas Bazan	7/31	8/11	5/28
		V. good pl grain, type, uniform row rather tall & fast drying watch acct grain type			
2722	B511A1-55		7/26	8/10	"
2723	-56		7/25	8/9	"
2724	-57		7/26	8/	"
2725	-58		7/20	7/31	"
2726	-59		7/24	8/9	"
2727	-60		7/23	8/9	"
2728	-61		7/27	8/11	"

1st
1stFull
1st

Ripe

28 BS111A1-62 Century x Zayas Bazan 2729
7/23 8/11

-63

7/24 8/15
seg

"

2730

-64

7/25 8/10

"

2731

-65

7/27 8/15
seg

"

2732

-66

7/27 8/11

"

2733

-67

8/3 8/15

"

2734

-68

7/22 8/5

"

2735

28 Cent x Cuba-69

8/17

"

2736

1st
HdFull
Hd

Ripe

2737 BS111A1 - 70 Century x Zayas Bazan Cent 5128
8/6

2738 -71 8/6 "

2739 -72 8/15 "

2740 Century Patna 231, Check 7/29 8/9 Cent

2741 BS111A1 - 73 Century x Zayas Bazan 8/10

2742 -74 8/6 "

2743 -75 8/12 "

2744 -76 "

1st
40Full
40

Ripe

BS111A1-77	Century x Zayas Bazan			2745
-78	8/12	"		2746
-79		"		2747
-80	8/7	8/17	"	2748
-81	8/8 mostly late, early plants	8/20 Sand v short	"	2749
-82	8/7	8/17	"	2750
-83			"	2751
-84			"	2752

		1st 4d	Full 4d	Ripe	
2753	B5111A1- 85	8/10			Century x Zayas Bazan 5/28
2754	-86	8/6	8/17	"	
2755	-87	8/8	8/18	"	
2756	-88			"	
2757	-89			"	
2758	-90	8/8		"	
2759	-91			"	
2760	Bluebonnet 50, Check	8/15			Bot 50

1st
HdFull
Hd

Ripe

BS111A1-92 Century x Zayas Bazan

'28

2761

-93

"

2762

-94

8/10

"

2763

-95

"

2764

-96

"

2765

-97

8/8

"

2766

-98

8/12

"

2767

-99

"

2768

1st
HdFull
Hd

Ripe

2769	BS111A1-100	Century x Zayas Bazan	8/10		5/28
2770	-101		8/10	"	
2771	-102		8/11	"	
2772	-103		8/15	"	
2773	-104		8/9	"	
2774	-105		8/10	"	
2775	-106		8/10	"	
2776	-107		8/5	"	

1st
HdFull
Hd

Ripe

28 B5111A1-108 Century x Zayas Bazan 2777

8/15
A short stemmed row some
earlier, watch

-109

8/11

"

2778

-110

8/9

"

2779

Century Patna 231, Check 2780

7/29

8/7

B5111A1-111 Century x Zayas Bazan 2781

-112

9/11

"

2782

-113

67.0

-13.0

-

"

17.9

2783

is v. large stems, large grain, sturdy straw, not too tall, now in plot, less for pub + heads
mud season to late maturity.

-114

"

2784

2785

2786

787

2788

2789

2790

2791

2792

~~2793~~~~2794~~~~2795~~~~2796~~~~2797~~~~2798~~~~2799~~~~2800~~

1st Full Ripe
Hd Hd

B5111A1-115 Century x Layas Bazan

2801

8/11

5/28

2802

-116

8/1

8/13

"

✓ v. good for many short stemmed
good grain types saved grow all.

2803

-117

"

2804

-118

7/25

"

2805

-119

"

2806

-120

7/25

"

2807

-121

"

2808

-122

7/27

"

1st
HdFull
Hd

Ripe

52

BSIIIAI-123 Century x Zayas Bazan 2809 ✓

-124 8/2 " 2810 ✓

-125 7/26 " 2811

-126 7/30 " 2812 ✓

-127 7/27 " 2813 ✓

-128 " 2814

-129 " 2815

-130 8/7 " 2816 ✓

		1st Hd	Full Hd	Ripe	
2817	B5111A1-131	Century x Zayas	Bazan	5/28	
✓	Uniform mat. & Type	7/23	8/7		
	poor grain shape				
2818	-132	8/10		"	
2819	-133	7/24	8/4	"	
2820	Bluebonnet 50, Check	8/10	8/20	8/31/50	
2821	B5111A1-134	Century x Zayas	Bazan		
✓	Short stem spreading due to profuse tillering. small stems w/ good grain texture	7/24	8/4		
	-135	8/6		"	
2822					
2823	-136			"	
2824	-137	7/26	8/6	"	

1st
hdFull
hd

Ripe

BS111A1-138	Century x Zayas Bazan	8/2	8/15	2825	✓
-139		8/6	"	2826	
-140		8/3	"	2827	✓
-141		7/31	"	2828	
-142		7/27	"	2829	✓
Short veg. growth, narrow leaves V. few earlies, late starts to head 70%, Short straw watch					
-143			"	2830	
-144		8/6	"	2831	✓
-145			"	2832	

		1st Hd	Full Hd	Ripe
2833 ✓	B5111A1-146	Century 8/10	x Zayas Bazan	5128
2834 W	-147		"	
2835	-148	8/15	"	
2836 ✓	-149	8/10	"	
2837 ✓	-150		"	
2838 ✓	-151	7/27	"	
2839 ✓	-152	7/25	"	
2840	Century Patna 231, Check	7/27 8/6		Cent

1st
4dFull
4d

Ripe

128	B5111A1-153	Century x Zayas Bazan	2841
	-154	"	2842
	-155	8/6 "	2843 ✓
	-156	"	2844
	-157	"	2845
	-158	8/11 "	2846
	-159	"	2847
	-160	"	2848

1st
HdFull
Hd

Ripe

2849 ✓ B5111A1-161 Century x Zayas Bazan 8/11 5/28

2850 ✓ -162 "

2851 ✓ -163 8/12 "

2852 ✓ -164 8/5 8/1 "

2853 ✓ -165 8/3 8/15 "

2854 ✓ -166 8/5 8/17 "

2855 ✓ -167 "

2856 ✓ -168 7/26 "

1st
HdFull
Hd

Ripe

BS111A1-169	Century x Zayas Bazan	2857
-170	8/5 8/17	2858 ✓
-171		2859
Bluebonnet 50, Check	8/11 8/21	2860
BS111A1-172	Century x Zayas Bazan	2861 ✓
-173	8/10 8/21 "	2862 ✓
-174	8/8 8/20 "	2863 ✓
-175	8/10 "	2864 ✓

1st
HdFull
Hd

Ripe

2865	B5111A1-176	Century x Zayas Bazan	5128
2866	-177		"
2867	-178	8/15	"
2868	-179	8/10	"
2869	-180		"
2870	-181	8/12	"
2871	-182	8/8	"
2872	-183	8/12	"

1st
HdFull
Hd

Ripe

ent x Cuba BS111A2-1
2/twater

2873

2

2874

3

2875

4

2876

8/11

5

2877

6

no rice

2878

7

2879

Century Patna 231, Check
7/27 8/10

2880

1st
HdFull
Hd

Ripe

2881 BS11/A 2-9

Centx cups
Saltwater2882 8/10¹⁰2883 9/26¹¹

2884 12

2885 13

2886 14

2887 15

2888 16

B 5111A 2-17

~~2889~~

-18

~~2890~~

-19

~~2891~~

-20

~~2892~~

-21

~~2893~~

-22

~~2894~~

-23

~~2895~~

-24

~~2896~~

1st
HdFull
Hd

Pipe

2897 BS111A2-25

2898 - 26

2899 - 27

2900 - 28

901 - 29 CONTXCOB2
5217W70

2902 - 20

2903 - 31
9/272904 - 32
8/1

1st
40Full
40

Ripe

My Cuba	1351142-33	2905
4 water	Short sturdy stem very good,	✓
	-34	2906
	-35	2907
	-36	2908
	-37	2909
	one plant in row	✓
	-38	2910
8/5	-39	2911
	-40	2912

		1st Ld	Full Ld	Ripe
2913	B5111AR-41	8/10		Cont. Cuba 521A water
✓				
2914		8/12	-42	
2915			-43	
2916		7/25	-44	
✓				
2917			-45	
2918		8/11	-46	
2919		8/11	-47	
2920	Bluebonnet 50, Check	8/10	8/20	8/31 50

1st
Hd

Full
Hd

Ripe

entire
water

B511A2-48
8/1

2921

8/11

-49

2922

8/1

-50

2923

7/30

-51
8/10

2924

only one plant may
not be a C x Cuba
-52

2925

8/10

-53

2926

-54

2927

-55

2928

1st
HdFull
Hd

Ripe

2929 ✓ B5111A2-56

Cont. Cuba
5/11/622930 ✓ -57
8/62931 ✓ -58
8/6

2932 ✓ -59

Only one plant in row
ripe after Oct 1,

2933 -60

2934 -61

2935 -62
8/8

2936 -63

1st
HdFull
Hd

Ripe

46-48
49-51

BS111A2-64

7/23

8/3

2937

✓

-65
7/25 8/5

2938

✓

-66
7/23 8/2

2939

✓

Century Patna 231, Check

7/27

8/6

2940

BS111A 2 -67

7/29

8/8

2941

ent met, ht & plant appearance, lent
 not cent grain, mt lent x Cuba
 lent not year, lacks pr. apic of lent

~~Her~~

✓

7/25 8/5

2942

✓

BS112A-1

Bluebonnet x Zayas Bazan

7/24

8/10

2943

✓

-2

8/10

8/20

"

2944

✓

		1st HD	Fall HD	Ripe	
2945	35112A-3	BBT x Zayas Bazan	7/21	8/4	5149
✓					
2946	- 4	8/2	"	"	52 5149
✓					
2947	- 5	8/16	"	"	
✓	V. sturdy strain, uniform row, not too tall,				
2948	- 6	8/9	"	"	
✓					
2949	- 7	8/10	"	"	
✓					
2950	- 8	8/11	"	"	
✓					
2951	- 9	8/5	8/19	"	
✓					
2952	- 10			"	
✓					

1st
hdFull
hd

Ripe

B5/12A1- 11 Bluebonnet x Zayas Bazan
 149 8/5 2953 ✓

-12 " 2954

-13 8/15 " 2955 ✓

-14 8/15 " 2956 ✓

-15 " no rice 2957 ✓

-16 8/11 " 2958 ✓

-17 " 2959

Short stem, good looking plants ✓

Bluebonnet 50, Check
 50 8/10 8/20 2960

181

Full
Hd

Ripe

B5112A117-18

Bluebonnet x Zayas Bazan

5149

2961

8/17

- 19

8/9

4

2962

-20

8/15

14

2963

-21

 $\frac{8}{9}$

14

2964

- 22

8/11

14

2965

-23

8/15

14

2966

-24

8/7

14

2967

-25

8/11

14

2968

v. short straw sturdy.
Watch v. good

1st
HdFull
Hd

Ripe

BS112A- 26 Bluebonnet x Zayas Bazan

2969

✓

-27

8/11

"

2970

✓

-28

8/11

"

2971

✓

-29

8/10

"

2972

-30

8/5

8/17

"

2973

-31

8/5

8/17

"

2974

✓

-32

8/5

8/17

"

2975

-33

8/7

8/17

"

2976

1st
4

Full
40

Ripe

2977 ✓ B5112A-34 Bluebonnet x Zayas Bazan 8/16 5/49

2978 ✓ -35 8/12 "

2979 -36 8/16 "

2980 Century Portna 231, Check 7/26 8/5 End

981 B5112A-37 Bluebonnet x Zayas Bazan 8/10

2982 ✓ -38 8/9 8/20 " a.v. good, short ht, long gran, watch

2983 ✓ -39 8/15 "

2984 ✓ -40 8/10 8/ "

1st
HdFull
Hd

Ripe

149	BS112A/- 41	Bluebonnet x Zayas Bajan	7/26	8/5	3001	✓
	-42		8/9	"	3002	✓
	-43		8/15	"	3003	
	-44		8/9	"	3004	✓
	-45		8/5	8/17	3005	✓
	-46	V. good types	8/11	"	3006	✓
	-47		8/7	"	3007	✓
	-48	V. good types	8/2	8/19	3008	✓

1st
HdFull
Hd

Ripe

3009

B5112A- 49 Bluebonnet x Zayas Bazar

5/49

8/9

v short plants

3010

-50

8/11

"

3011

-51

8/16

"

3012

-52

8/9

"

v. short plants, w/old,
poor grain shape

3013

-53

8/11

"

v short plants

3014

-54

8/10

"

v short plants good ear
poor grain shape

3015

-55

8/9

"

3016

-56

8/9

"

1st
HdFull
Hd

Ripe

35112A-57	Bluebonnet x Zayas Bazan	3017	✓
-58	"	3018	
-59	8/9 8/21 "	3019	
Bluebonnet 50, Check	8/10 8/20	3020	
35112A-60	Bluebonnet x Zayas Bazan	3021	✓
-61	7/25 8/5 "	3022	✓
-62	7/21 roque "	3023	✓
-63	"	3024	✓

1st
HdFull
Hd

Ripe

3025 ✓ B5112A1-64 Bluebonnet x Zayas Bazan 5/49

3026 ✓ -65 8/10 8/20 "

3027 ✓ -66 8/15 "

3028 ✓ -67 8/16 "

3029 ✓ -68 8/9 "

3030 ✓ -69 8/10 8/20 "

3031 ✓ -70 8/10 8/20 "

3032 ✓ -71 7/25 8/15 "

1st
4dFull
4d

pipe

BS112A-72 Bluebonnet x Zayas Bazan
 8/10 3033

-73 8/13 " 3034

-74 8/9 8/21 " 3035

-75 8/12 " 3036

-76 8/11 8/21 " 3037

-77 8/2 8/15 " 3038

-78 8/8 8/20 " 3039

Century Patna 231, Check
 7/29 8/10 3040

		1st Hd	Full Hd	Ripe
3041	B5112A1-79	Bluebonnet x Zayas Bazan 8/15		5/49
3042	-80	8/9	8/21	"
3043	B5112A2-1	8/13	EBT x Cubas	Saltwater
3044	-2			
3045	-3			
3046	-4			
3047	-5			
3048	-6	8/9		

1st
hdFull
hd

Ripe

BS112A2-7, BBT x Zayad Bayan
 1st/2nd water

3049

" -8

8/12

3050

-9

3051

-10

8/17

3052

-11

8/5

8/17

3053

-12

8/12

3054

13

8/16

3055

-14

8/10

3056

1st
Hd

Full
Hd

Rice

3057

BS112A2-15, ~~BBT~~ x Zayre Boys
BBT x Cuba
52/4 water

3058

-16

8/17

3059

-17

8/15

3060

Bluebonnet 50, Check
8/11 8/25 50

3061

-18

8/17

3062

-19

no rice

3063

-20

3064

-21

1st
HdFull
Hd

Ripe

B511A2-22, BBt x Zayas

BBt x Cuban
24 Water

no rice

3065

3066

B5112A1 81 Bluebonnet x Zayas Bazan

49

8/3

8/17

3067

-82

8/11

"

3068

-83

8/9

"

3069

-84

8/11

"

3070

-85

8/11

"

3071

-86

7/24

"

3072

1st
HdFull
Hd

Ripe

3073

B5112A-87

Bluebonnet x Zayas Bazan
8/9 5/19

3074

-88

8/3

"

3075

-89

8/14

"

3076

-90

8/10

8/20 "

3077

-91

"

3078

-92

7/25

"

3079

-93

8/3

8/17 "

3080

Century Patna 231, Check
7/27 8/6 Cent

1st
HD

Full
HD

Ripe

35112A-94

Bluebonnet x Zayas Bazan

8/15

3081

-95

"

3082

-96

8/10

"

3083

-97

"

3084

1st
4dFull
4d

Ripe

3101 *B5112 At 98 Bluebonnet x Zayas Bazan*
8/9 5/49

3102 -99 "

3103 -100 8/2 8/15 "

3104 -101 8/5 8/17 "

3105 -102 8/5 "

3106 -103 8/2 "

3107 -104 8/11 "

✓ a very good row short
study share

3108 -105 8/2 "

1st
HdFull
Hd

Ripe

B5112A1-106 Bluebonnet x Zayas Bazan
 49 7/25 3109

Very short sturdy stem &
 Possibly some HO resistance

-107

8/9

"

3110

-108

8/17

"

3111

-109

7/23

8/2

"

3112

-110

"

3113

B5116A1-1 Century x Hill Sel + BBT
 64 (B4513A1-23) 3114

7/11

7/26

8/12

-2

7/11

7/24

"

8/12

3115

-3

7/12

7/25

"

8/14

3116

1st
HdFull
Hd

Ripe

3117 B5116A-1-4 Century x Hill Sel-BBt
(B4513A1-23) 5/64
7/11 7/24 8/10

3118 -5 7/12 7/30 " 8/14

3119 -6 7/11 7/22 " 8/10

3120 B4512A1-20 Hill Sel x BBt, Check
7/23 8/10 8/19 72

3121 -7 7/11 7/27 " 8/12

3122 -8 7/12 7/27 " 8/12

3123 -9 7/12 7/27 " 8/12

3124 -10 7/11 7/27 " 8/13
229

1st
HdFull
Hd

Ripe

B5116A-1-12

Century x Hill

Sel - BBT

(B4513A1-23)

3125

7/14

7/24

8/14

-12

7/12

7/22

8/10

3126

-13

7/14

7/27

8/10

3127

-14

7/11

7/21

8/11

3128

seq

-15

7/13

7/27

8/10

3129

-16

7/14

7/27

8/10

3130

-17

7/10

7/25

8/10

3131

-18

7/13

7/26

8/10

3132

probably a little sweet released. are very early
are edge rough and smooth

1st
2ndFull
Hd

Ripe

3133 B5116A-1-19 Century x Hill Sel-BB+
(B 4513A1-23) 5/64
7/14 7/27 8/9

3134 -20 " 8/9
7/13 7/27
seq.

3135 -21 " 8/14
7/13 7/25
seq.

3136 -22 " 8/9
7/11 7/26

3137 -23 " 8/9
7/11 7/26

3138 -24 " 8/9
7/11 7/26

3139 -25 " 8/9
7/14 7/24

3140 Century Patna 231, Check
7/27 8/9 Cwt

1st
HdFull
Hd

Ripe

B5116A-1-26

Century x Hill Sel-BB+

(B4513A1-23)

3141

7/12

7/25

8/9

-27

7/12

27

"

8/12

3142

seq

-28

7/15

7/25

"

8/15

3143

seq

-29

7/11

8/2

"

8/11

3144

seq

-30

7/16

7/26

"

8/16

3145

seq

-31

7/19

7/31

"

8/19

3146

-32

7/22

8/3

"

3147

-33

7/15

7/31

"

8/13

3148

V, good. V early row.

1st
HDFull
HD

Ripe

3149 B5116A-1-24 Century x Mill Sel-BBt
(B4513A1-23) 5164
7/11 7/28 8/10

3150 -25 7/11 7/31 8/11
seq

3151 -26 7/19 7/30 8/19
seq

3152 -27 7/17 7/28 8/17
seq

3153 -28 7/19 7/29 8/19
seq

3154 139 7/15 7/28 8/15

3155 -40 7/12 7/30 8/12
seq

3156 -41 7/13 7/28 8/10

1st
HdFull
Hd

Ripe

B5116A-1-42	Century x Hill Sel- BBT	7/16	7/29	3157
	(B4513A1-23)			
-43		7/14	8/2	3158
			8/14	
-44		7/13	7/28	3159
			8/14	
B4512A1-20	Hill Sel x BBT, Check	7/19	7/31	3160
			8/19	
-45		7/16	8/2	3161
			8/16	
-46		7/13	7/29	3162
			8/10	
-47		7/22	8/3	3163
-48		7/13	8/2	3164
			8/14	

1st
HdFull
Hd

Ripe

3165 B5116A-2-1 Century x Hill Sel-BBt
7/12 7/27 8/10 5/66

3166 -2 7/13 7/27 " 8/10

3167 -3 7/13 7/28 " 8/10

3168 -4 7/13 7/28 " 8/10

3169 -5 7/14 7/30 " 8/12
seq.

3170 -6 7/12 7/28 " 8/12

3171 -7 7/14 7/31 " 8/12
seq

3172 -8 7/14 7/31 " 8/14
seq

1st
HdFull
Hd

Ripe

B5116A-2-9 Century & Hill Sel-BBT
 66 7/14 7/30 8/17 3173

-10 7/13 7/31 " 8/13 3174
 seq

-11 7/12 7/28 " 8/12 3175

-12 7/14 7/27 " 8/14 3176
 seq

-13 7/12 7/23 " 8/12 3177
 seq

-14 7/12 7/28 " 8/10 3178

-15 7/12 7/28 " 8/10 3179

uebonnet 50, Check
 50 8/9 8/19 3180

1st
44Full
48

Ripe

		1st	Full	Ripe	
3181	B5116A-2-16	Century	4x Hill	Sel-BB4	
		7/14	7/28	8/10	576

3182	-17	7/12	7/31	"	8/10
------	-----	------	------	---	------

3183	-18	7/13	7/27	"	8/10
------	-----	------	------	---	------

3184	-19	7/11	7/31	"	8/9
------	-----	------	------	---	-----

1st
HdFull
Hd

Ripe

BS/16A-2-20	Century x Hill Sel-BBt	7/12	7/29	8/10	3201
-21		7/11	7/28	8/10	3202
-22		7/13	7/27	8/10	3203
-23		7/11 seg	7/29	8/10	3204
-24		7/12 seg	7/29	8/10	3205
-25		7/12	7/31	8/10	3206
-26		7/10	7/28	8/10	3207
-27		7/13	7/29	8/13	3208

1st
HFull
H

Ripe

3209	B5116A-2-28	Century x Hill Sel-BBT	5/66
		7/14	7/31 8/14
			seg
3210	-29	7/10	7/27 8/8
			"
3211	-30	7/11	7/31 8/11
			seg
3212	-31	7/11	7/30 8/10
			"
3213	-32	7/11	7/31 8/11
			seg
3214	-33	7/13	8/3 8/13
			seg
3215	-34	7/10	7/26 8/8
			"
3216	-35	7/12	7/27 8/8
			"

1st Full Ripe
Hd Hd

B5116A-2-36	Century x Hill Sel-BBt	7/16	7/31	8/11	3217
-37	"	7/14	7/30	8/14	3218
B5116A-3-1	Century x Hill Sel-BBt	7/16	7/31	8/16	3219
Century Patna 231, Check		7/22	8/3		3220
B5116A-3-2	Century x Hill Sel-BBt	7/13	7/29	7/14	3221
B5116A-3-3	"	7/12	7/27	8/12	3222
-4	"	7/15	8/2	8/15	3223
-5	"	7/12	7/29	8/10	3224

1st
HdFull
Hd

Ripe

B5116A-3-6 Century x Hill Sel-BBt
3225 7/13 8/2 8/13 5/10

3226 -7 7/13 7/30 8/10

3227 -8 7/12 7/31 8/12
seq

3228 -9 7/12 7/28 8/13

3229 -10 7/16 7/31 8/14
seq

3230 -11 7/14 7/31 8/14
seq

3231 -12 7/12 7/26 8/8

3232 -13 7/12 7/28 8/10

1st
HdFull
Hd

Ripe

B5116A-3-14	Century x Hill	Se1-BB+	7/14	7/29	8/10	3233
-15	7/15	7/31	"	8/15	3234	seg
-16	7/13	7/31	"	8/13	3235	seg
-17	7/13	7/24	"	8/11	3236	
-18	7/16	7/31	"	8/11	3237	
-19	7/12	7/29	"	8/12	3238	seg
-20	7/11	7/31	"	8/11	3239	seg
B4512A1-20	Hill	Se1 x BB+	7/25	8/6	3240	

		1st Hd	Full Hd	Ripe
3241	PS/16A-3-21	Century x Hill 7/14	7/29	Se/BBt 8/11 5/6
3242	-22	7/13	7/25	" 8/13
3243	-23	7/17	8/3	" 8/17
3244	-24	7/14	7/27	" 8/14
3245	-25	7/20	7/31	" 8/14
3246	-26	7/22	8/3	"
3247	-27	7/20	8/2	" 8/20
3248	-28	7/13	7/30	" 8/11

1st
HdFull
Hd

Ripe

BS116A-3-29 69	Century x Hill 7/13	Sel - BBt 7/24 seg	8/13	3249	
-30	7/13	7/29	" 8/13	3250	
-31	7/14	8/2	" 8/14 seg	3251	
-32	7/16	8/2	" 8/16 seg	3252	
-33	7/14	7/31	" 8/11	3253	
-34	7/12	7/31	" 8/12 seg	3254	
-35	7/14	7/29	" 8/11	3255	
-36	7/15	7/31	" 8/11	3256	

1st
Hd

Full

Ripe

3257	B5116A-3-37	Century x Hill	Sel-BBt
		7/13	7/29 8/11 5/69

3258	- 38	7/15	7/31 8/15
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3259	B5116A-4-1	Century x Hill	Sel-BBt
		7/14	8/2 8/14 5/72

3260	Bluebonnet 50, Check	8/9	8/19 BBt 50
------	----------------------	-----	-------------

3261	B5116A-4-2	Century x Hill	Sel-BBt
		7/14	7/26

3262	- 3	7/15	8/2
------	-----	------	-----

3263	- 4	7/17	8/2
------	-----	------	-----

3264	- 5	7/15	7/26
------	-----	------	------

1st
HQ

Full Ripe

72	B5116A-4-6	Century x Hill	sel - BBT	3265
		7/16	7/31	8/13
	-7	7/13	7/29	8/13
				3266
	-8	7/15	7/31	8/14
				3267
	-9	7/19	7/30	8/19
				3268
	-10	7/16	7/31	8/13
				3269
	-11	7/12	7/31	8/12
			seq	
	-12	7/12	8/3	8/12
			seq	
	-13	7/14	7/25	8/14
				3272

1st
Hd

Full

Ripe

3273	B5116 A-4-14	Century x Hill	Sel-BB+	5172
		7/20	8/2	8/20
3274	-15	7/16	7/31	8/16
3275	-16	7/18	7/28	8/18
			seq	
3276	-17	7/13	7/31	8/10
277	-18	7/14	7/30	8/10
3278	-19	7/13	7/27	8/11
3279	-20	7/14	7/29	8/14
			seq	
3280	Century Patna 231, Check	7/27	8/8	Cut

1st
Hd

Full Ripe

72	BS116A-4-21	Century x Hill	Sel - BBT	
		7/14	7/31	8/11
			seg	
				3281
				✓
	-22	7/12	7/28	8/12
				3282
				✓
	-23	7/15	7/31	8/15
			seg	
				3283
				✓
	-24	7/13	7/28	8/10
				3284
				✓
	-25			
	-26			
	-27			
	-28			

1st Full Ripe

3301	B 5116A-4-25	Century x Hill	Sel-BBt	
		7/17	7/31	8/17 5/12
3302	-26	7/13	7/31	8/13
3303	-27	7/15	7/30	8/15
3304	-28	7/14	7/31	8/17 seq
3305	-29	7/13	7/27	8/10
3306	-30	7/12	7/27	8/10 5/13
3307	-31	7/12	7/25	8/10 seq
3308	-32	7/14	7/29	8/14 seq

1st

Full

Ripe

B5116 A -4-33

7/14

7/28

8/13

3309

-34

7/13

7/27

8/11

3310

-35

7/14

7/27

8/11

3311

-36

7/14

7/31

8/14

3312

-37

7/17

8/1

8/15

3313

-38

7/13

7/27

8/11

3314

-39

7/13

7/27

8/13

3315

-40

7/12

7/28

8/13

3316

1st
Hd

Full

Ripe

B5116A-4-41

3317

7/14

7/31

5/23

3318

-42

7/14

7/29

3319

-43

7/13

7/27

8/11

3320

B4512A1-20

Hill Sel x BBT, Check

7/19

8/1

72

3321

B5116A-4-44

7/17

7/31

8/19

3322

-45

7/14

8/2

8/14

seg.

3323

-46

7/13

7/29

8/13

3324

-47

7/16

7/31

8/16

1st
10

Full

Ripe

116A-4-48

3

7/14

7/28

8/14

seg

3325

-49

7/14

7/31

8/14

3326

-50

7/16

7/30

8/17

3327

-51

7/16

7/29

8/13

3328

-52

7/17

7/31

8/17

seg

3329

-53

7/13

7/27

8/10

3330

-54

7/11

7/25

8/10

3331

-55

7/12

7/28

8/10

3332

1st
Hd

Full Ripe

33332 BS117A-1-1 Century x Hill Sel-BBT
(B4512A1-32) 517
7/20 8/1 8/20

33334 -2 7/15 7/29 " 8/15
seg

33335 -3 7/16 7/31 " 8/16

33336 -4 7/14 7/31 " 8/14
seg

33337 -5 7/15 7/29 " 8/15
seg

33338 -6 7/14 7/31 " 8/14
seg

33339 -7 7/18 7/29 " 8/18
seg

3340 Bluebonnet 50 Check
8/9 8/19 BBT 50

1st
Hd

Full Ripe

B5117A1-8

Century x Hill Sel-BBT

(B4S12A1-32)

7/13

7/28

8/11

3341

-9

7/12

7/29

"

8/12

3342

seg

-10

7/15

7/30

"

8/15

3343

-11

7/16

7/31

"

8/16

3344

seg

-12

7/19

8/2

"

8/19

3345

seg

-13

7/16

7/30

"

8/16

3346

seg.

-14

7/22

8/2

"

3347

-15

7/20

7/30

"

3348

^{1st}
HQ Full Ripe

3349	B5/17A-1-16	Century x Hill sel-BBT (B4512A1-32)	5/74
		7/15	7/31 8/15 seq
3350	-17	7/13	8/1 " 8/13 seq
3351	-18	7/15	7/30 " 8/15
3352	-19	7/18	8/2 " 8/18 seq
3353	-20	7/23	8/ " "
3354	-21	7/17	8/2 " 8/17 seq
3355	-22	7/14	7/30 " 8/14 seq
3356	-23	7/16	7/31 " 8/16 seq

1st
HQ

Full Ripe

BS117A-1-24	Century x Hill Sel - BBt (B 4512A1-32)	7/16	7/30	8/16	3357
			seq		
-25		7/14	7/28	"	3358
-26		7/25	8/4	"	3359
Century Patna 231 Check		7/27	8/6		3360
BS117A-1-27	Century x Hill Sel - BBt (B 4512A1-32)	7/13	7/30	8/14	3361
	and uniformly in looks char. (To Campbell)			1 hr.	
-28		7/14	7/28	8/14	3362
-29		7/14	7/28	8/14	3363
-30		7/15	8/1	8/5	3364
			seq		

1st Full Ripe

3865	B5117A-1-31	Century x Hill Sel-BBt (B4512A1-32)	7/18	7/29	8/18	5/17
				seg		
3366	-32		7/13	7/28	8/11	
					"	
3367	-33		7/12	8/1	8/12	
					"	
3368	-34		7/13	7/29	8/13	
					seg	
3369	-35		7/13	7/31	8/13	
					seg	
3370	-36		7/13	7/29	8/11	
					"	
3371	-37		7/23	8/9	"	
					"	
3372	-38		7/13	7/26	8/13	
					"	

1st
Hd

Full Ripe

BS117A-1-39	Century x Hill	Sel-BB*	3373
	(B4512A1-32)		
	7/12	7/28	8/12
-40	7/16	7/30	8/16
		seg	3374
-41	7/12	7/28	8/10
		"	3375
-42	7/15	8/1	8/15
		seg	3376
-43	7/14	8/2	8/14
		seg	3377
-44	7/15	7/31	8/15
		seg	3378
-45	7/13	7/31	8/13
		seg	3379
B4512A1-20	Hill	Sel x BB, Check	3380
	7/16	7/31	8/16
		seg	

1st
RD

Full Ripe

B5117A-1-46

Century x Hill Sel-BBT
(B4512A1-32)

5174

3381

7/13

7/29

8/13

seg

-47

3382

7/18

8/1

"

8/18

-48

3383

7/11

7/28

"

8/10

-49

3384

7/15

8/2

"

8/13

seg

1st Full Ripe

BS117A-1-50 774	Century x Hill Sel-BBt (B 4512A1-32) 7/26 8/5	3401 ✓
-51	7/20 8/2 "	3402 ✓
-52	7/23 8/3 "	3403 ✓
-53	7/20 8/3 8/21 Shorter than others	3404 ✓
BS117A-2-1 777	Century x Hill Sel-BBt (B 4512A1-32) 7/20 8/3 8/21	3405 ✓
-2	7/21 8/3	3406 ✓
-3	7/20 8/3 8/20	3407 ✓
-4	7/25 8/6 green about straw	3408 ✓

1st
Hd

Full

Ripe

B5117A-2-5

Century x Hill

Sel-BBt

3409

7/19

7/31

8/19

5/7

-6

3410

7/14

7/31

8/14

seq

-7

3411

7/22

8/4

"

-8

3412

7/14

7/28

8/14

"

-9

3413

7/16

7/31

8/17

"

-10

3414

7/20

8/4

8/21

"

-11

3415

7/16

8/2

"

-12

3416

7/15

7/30

8/5

"

1st
HD

Full Ripe

5/77	B5117A-2-13	Century x Hill Sel-BBT	7/17	8/1	8/17	3417	✓
	-14		7/21	8/3	"	3418	✓
	-15		7/25	8/4	"	3419	✓
	Bluebonnet 50 Check		8/10	8/1		3420	✓
	B5117A-2-16	Century x Hill Sel-BBT	7/14	8/2	8/17	3421	✓
	-17		7/14	7/31	8/14	3422	✓
	-18		7/17	7/31	8/17	3423	✓
	-19		7/14	7/27	8/15	3424	✓

1st
Hd Full Ripe

3425 B5117A-2-20 Century x Hill Sel-BBt 7/26 8/12 5/77

✓ 426 -21 7/15 8/4 8/15
seg

✓ 427 -22 7/17 7/30 8/17
seg

✓ 3428 -23 7/12 7/28 8/12
seg
V. good quality

✓ 3428 -24 7/19 8/3 8/19

✓ 3430 -25 7/16 7/30 8/16

✓ 3431 -26 7/14 7/29 8/14
seg

✓ 3432 -27 7/19 7/29 8/19
seg

1st
HQ

Full Ripe

5177 B5117A-2-28 Century x Hill Sel-BBT 3433
7/20 7/31 ✓

-29 7/19 7/30 " 3434 ✓

-30 7/14 7/31 8/14 3435
seg ✓

-31 7/15 8/1 8/15 3436
seg ✓

-32 7/21 7/31 " 3437 ✓

-33 7/20 8/3 " 3438 ✓

-34 7/18 7/2 8/19 3439
seg ✓

Century Patna 231, Check 3440
ent 7/31 8/12 ✓

1st
Hd

Full Ripe

3441 ✓ BS 117A-2-35 Century x Hill Sel-BBt
7/16 7/31 8/16 57773442 ✓ -36
7/13 7/28 8/13
seg3443 ✓ -37
7/17 8/3 8/17
seg3444 ✓ -38
7/15 7/30 8/15
seg3445 ✓ -39
7/18 7/29 8/18
seg3446 -40
7/13 7/27 8/113447 -41
7/17 8/2 8/183448 -42
7/17 7/29 8/17
seg

1st
H2

Full Ripe

BS117A-2-43	Century x Hill Sel-BBT	7/14	7/28	8/14	3449	✓
-44		7/14	8/2	8/14	3450	✓
-45		7/17	8/1	8/17	3451	✓
-46		7/15	7/31	8/5	3452	✓
-47		7/15	7/30	8/5	3453	✓
	Vinturdy straw					
-48		7/16	7/31	8/10	3454	✓
-49		7/15	8/1	8/5	3455	✓
-50		7/22	8/3		3456	✓

1st Hd Full Ripe

3457 B5117A-2-51 Century x Hill Sel-BBt
7/16 7/31 8/16 517
seq

3458 -52 7/18 8/4 8/18
seq

3459 -53 7/19 7/31 8/9
seq

460 B4512A1-20 Hill Sel x BBt, Check
7/17 8/10 8/17 72
seq

3461 -54 7/14 7/23 8/14
seq

3462 -55 7/15 7/31 8/17
seq

3463 -56 7/15 8/1 8/15
seq

3464 -57 7/16 8/3 8/6
seq

1st
Hd

Full Ripe

B5/17A-2-58 Century x Hill Sel-BBt
 7/19 7/29 8/19 3465 ✓

-59 7/17 8/4 8/17 3466 ✓
 seq

-60 7/20 8/3 3467 ✓

-61 7/18 8/3 8/18 3468 ✓
 seq

-62 7/16 8/3 8/16 3469 ✓
 no checking, slender
 gold hulls seq

179 B5/18A-1-1 BBt x Hill Sel-BBt
 (B45/2A1-32) 3470 ✓
 7/16 8/2 8/16 seq

-2 7/21 8/5 3471 ✓

-3 7/20 8/10 3472 ✓

1st
Hd Full Ripe

3473 ✓ B5118A-1-4 BBT x Hill Sel-BBT
(B4512A1-32) 5179
7/28 8/10

3474 ✓ -5 7/18 7/28 " 8/18

3475 ✓ -6 7/20 7/31 " 8/20
seg

3476 ✓ -7 7/16 7/28 " 8/10
seg

3477 ✓ -8 7/20 7/31 " 8/20
seg

3478 ✓ -9 7/26 8/5 " "

3479 ✓ -10 7/26 8/5 " "

3480 ✓ Bluebonnet 50, Check 8/10 8/1 BBT 50

1st
Hd

Full Ripe

B5118A-1-11

BBt x H:11 Sel-BBt

(B 4512A1-32)

7/25

8/15

3481

-12

7/18

7/30

"

8/18

3482

good

quality

-13

7/22

8/2

"

3483

-14

7/17

7/29

"

8/17

3484

seg

-15

"

-16

"

-17

"

-18

"

An increased yield in
these rows? either not
crossed

1st
H

Full Ripe

3501	BS/18A-1-19	BBt x Hill Sel-BBt (B 4512A1-32)	5/79
✓		7/23 8/2	
3502	-20	7/17 7/28	8/17
✓			
3503	-21	7/15 7/25	8/11
✓			
3504	-22	7/16 7/26	8/16
✓			229
3505	-23	7/20 7/30	8/17
✓			
3506	-24	7/17 7/28	8/17
✓			
3507	-25	7/19 7/29	8/19
✓			
3508	-26	7/21 7/31	
✓			

1st
H2

Full Ripe

35118A-1-27	BBt x Hill Sel-BBt	7/19	7/29	8/12	3509
-28		7/21	7/31	"	3510
-29		7/22	8/1	"	3511
-30		7/21	7/31	"	3512
-31		7/21	7/31	"	3513
-32		7/22	8/2	"	3514
-33		7/23	8/3	"	3515
-34		7/25	8/6	"	3516

1st
Hd Full Ripe

3517 ✓ BS118A-1-35 BBt x Hill Sel-BBt 7/26 5/179

3518 ✓ -36 7/22 8/1 "

3519 ✓ -37 7/22 8/1 "

3520 ✓ Century Patna 231, Check 7/26 8/5 Cent

3521 ✓ BS118A-1-38 BBt x Hill Sel-BBt 7/16 7/27 8/17 seg

3522 ✓ -39 7/16 7/27 8/17 seg

3523 ✓ -40 7/24 8/2 "

3524 ✓ -41 7/23 8/2 "

1st

Hd

Full

Ripe

35118A-1-42	BBt x Hill Sel - BBt	7/21	7/31	3525	✓
-43		7/17	7/27	8/17	3528
	v. slender		pan	seg	✓
-44		7/19	7/30	8/17	3527
				seg	✓
35118A-2-1	BBt x Hill Sel - BBt	7/17	7/28	8/17	3528
				seg	✓
-2		7/15	7/28	8/12	3529
				seg	✓
-3		7/19	7/29	8/17	3530
				seg	✓
-4		7/18	7/29	8/20	3531
					✓
-5		7/16	7/27	8/17	3532
				seg	✓

1st
Hill

Full Rlps

3533	B5118A-2-6	BBt x Hill Sel - BBt	7/13	7/25	8/11	5/8
3534	-7		7/20	7/31	"	
3535	-8		7/22	8/1	"	
3536	-9		7/20	7/31	"	
3537	-10		7/21	8/1	"	
3538	-11		7/22	8/1	"	
3539	-12		7/21	7/31	"	
3540	34512A1-20	Hill Sel x BBt	7/25	8/4		72

^{1st}
Hd Full Ripe

BS118A-2-13 BBt x Hill Sel-BBt
181 7/21 7/31 8/13 3541 ✓

-14 7/23 8/4 " 3542 ✓

-15 7/20 7/31 " 8/20 3543
seg ✓

-16 7/20 7/31 " 8/11 3544
seg ✓

BS118A-3-1 BBt x Hill Sel-BBt
183 7/24 8/3 3545 ✓

-2 7/22 8/1 " 8/17 3546
seg ✓

-3 7/20 7/31 " 8/20 3547 ✓

-4 7/21 7/31 " 8/18 3548 ✓

1st
Hd

Full Ripe

35/18A-3-5

BBt x Hill Sel - BBt

7/24 8/3

518

3549

-6

7/19

7/30

"

8/17

3550

-7

7/20

7/31

"

8/17

3551

-8

7/23

8/1

"

3552

-9

7/21

7/31

"

3553

-10

7/18

7/30

"

8/17

3554

-11

7/20

7/31

"

8/20

3555

-12

7/18

7/29

"

8/17

3556

seg

1st

Hd

Full Ripe

5183 BS118A-3-13 BBt x Hill Sel-BBt
 7/23 8/3 8/23 3557
 seq ✓

-14 7/20 7/31 8/20 3558 ✓

-15 7/22 8/1 " 3559 ✓

Bluebonnet 50, Check
 BS50 8/5 8/17 3560 ✓

BS118A-3-16 BBt x Hill Sel-BBt
 7/20 7/31 8/20 3561
 seq ✓

-17 7/15 7/26 8/13 3562 ✓

-18 7/24 8/3 " 3563 ✓

5185 BS118A-4-1 BBt x Hill Sel-BBt
 7/23 8/3 3564 ✓

1st
Hd

Full Ripe

3565	B5118A-4-2	BBt x Hill Sel - BBt	7/21	7/31	518
3566	- 3		7/17	7/28	8/17
3567	- 4		7/26	8/6	"
3568	- 5		7/16	7/28	8/10
3569	- 6		7/14	7/25	8/10
3570	- 7		7/15	7/28	8/17
3571	- 8		7/17	7/29	8/17 seg
3572	- 9		7/18	7/30	8/18 seg

1st

Hd

Full Ripe

BS118A-4-10 5/85	BBt x 7/20	Hill 8/1	Sel-BBt 8/20 seq	3573
-11	7/18	7/30	8/18 seq	3574
-12	7/18	7/30	8/18 seq	3575
-13	7/15	7/27	8/17	3578
-14	7/16	7/29	8/17	3577
-15	7/16	7/29	8/17	3578
-16	7/18	7/29	seq 8/18	3579
Century Patna 231, Check ent	7/20	7/31	seq	3580

1st
Hd Full Ripe

3581 ✓ B51/8A-4-17 BBt x Hill Sel-BBt
7/16 7/27 8/14 5/8

3582 ✓ -18 7/14 7/26 8/15
sey

3583 ✓ -19 7/15 7/30 8/15

3584 ✓ -20 7/16 7/28 8/17

1st Full Ripe

BS118A-4-21 BBt x Hill Sel-BBt 3601
7/16 7/26 8/16

-22 7/17 7/28 8/17 3602

-23 7/16 7/26 8/16 3603

-24 7/16 7/27 8/16 3604
seq

-25 7/20 7/30 8/20 3605
seq

-26 7/14 7/24 8/10 3606

BS120A-1-1 Impr. BBt x Zayas Bazan 3607
8/9

-2 7/30 3608

1st
Full Ripe

3609 85/20A-1-3 Impr. BBt x Zayas Bazan 8/3 519

3610 -4 8/9 "

3611 -5 8/10 "

3612 -6 8/15 "

3613 -7 8/9 8/21 "

3614 -8 8/15 "

3615 -9 8/15 "

3616 -10 8/4 "

$\frac{1\frac{1}{2}}{Hd}$ Full Ripe

-11 8/9 8/21 3617

-12 8/9 3618

-13 8/13 3619

Improved Bluebonnet, Check 3620
Imp BBT 8/15

-14 8/9 3621

-15 8/9 3622

-16 8/9 3623

-17 8/9 8/21 3624

1st
40

Full Ripe

3625 B5/21A-1-1 Bl. Rose x Zayas Bazan 5194

3626 -2 "

3627 -3 "

3628 -4 "

3629 -5 "

3630 -6 "

Highly Susc. to H. D.
Seed used for Athens

3631 -7 "

3632 -8 "

1st

1/2

Full Ripe

BS/21A-1-9 Bl. Rose x Zayas Bazan

3633

-10

"

3634

-11

"

3635

-12

"

3636

-13

"

3637

14

"

3638

-15

"

3639

7/29 8/11

Adm'd to early age, short stem
med-grain, good filling

Bluebonnet 50, Check

BBT50

8/5 8/17

3640

1st
Hd

Full Ripe

3641 ✓ B5/21A-1-16 Bl. Rose x Zayas Bazon 5/94

3642 ✓ -17 "

3643 ✓ -18 "

3644 ✓ -19 "

3645 ✓ -20 "

3646 ✓ -21 "

3647 ✓ B5/23A1-1/ Impr. BBt x SPI 180,660 7/23 8/3 5/94

3648 ✓ -2 7/25 8/6 "

1st
Hd Full Ripe

196	B5123A1-3	Impr. BBt x SPI	180,060	
		7/22	8/1	3649 ✓
	-4	7/20	7/30 8/14 seq	3650 ✓
	-5	7/21	7/31 8/18 seq	3651 ✓
	-6	7/23	8/2 "	3652 ✓
	-7	7/29	8/11 "	3653 ✓
	-8	7/22	8/1 "	3654 ✓
	-9	7/26	"	3655 ✓
	-10	7/14	7/27 seq 8/14 "	3656 ✓

1st
Hd

Full

Ripe

BS123A1-11 Impr. BBt x SPI 180,060
3657 7/21 7/31 5196

3658 -12 7/16 7/26 8/12
seg

3659 -13 7/17 7/27 8/17
seg

3660 Century Patna 231, Check
7/18 7/28 Cent

BS123A1-14 Impr. BBt x SPI 180,060
3661 7/20 7/30

3662 -15 7/14 7/24 seg 8/15

3663 -16 7/14 7/24 seg 8/17

3664 -17 7/20 7/30

1st

Ad

Full Ripe

B5/23A-1-18 Impr. BBt x SPI 180,060
 196 7/18 7/28 8/18 seq 3665 ✓

-19 7/19 7/29 8/19 seq 3666 ✓

-20 7/20 7/30 seq 3667 ✓

-21 7/13 7/23 seq 3668 ✓

-22 7/17 7/27 seq 8/17 3669 ✓

-23 7/19 7/29 8/19 3670 ✓

-24 7/18 7/28 8/18 seq 3671 ✓

-25 7/16 7/27 seq 8/16 3672 ✓

1st
Hd

Full Ripe

3673 B5/23A-1-26 Impr. BBt x SPI 180,060
7/23 8/2 5196

3674 -27 7/27 8/7 "

3675 -28 7/14 7/26 8/16
209

3676 -29 7/21 7/31 "

3677 -30 7/16 7/26 8/16
209

3678 -31 7/21 7/31 "

3679 -32 7/16 7/26 8/16
209

3680 Improved Bluebonnet, Check
8/12 Imp. B10

18
HA

Full Ripe

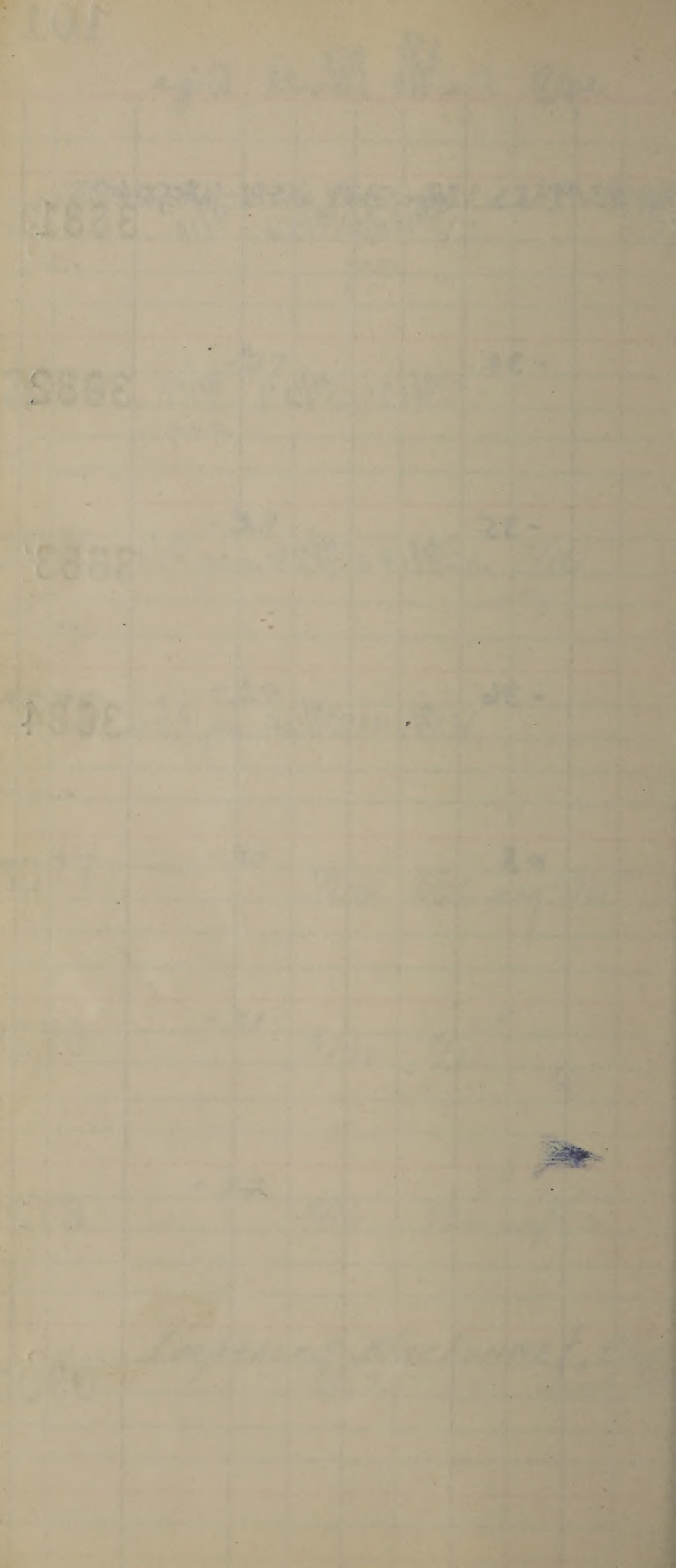
BS/23A1-33 Impr. BBt x SPI 180,060
 196 7/16 7/26 8/10 3681
 seq

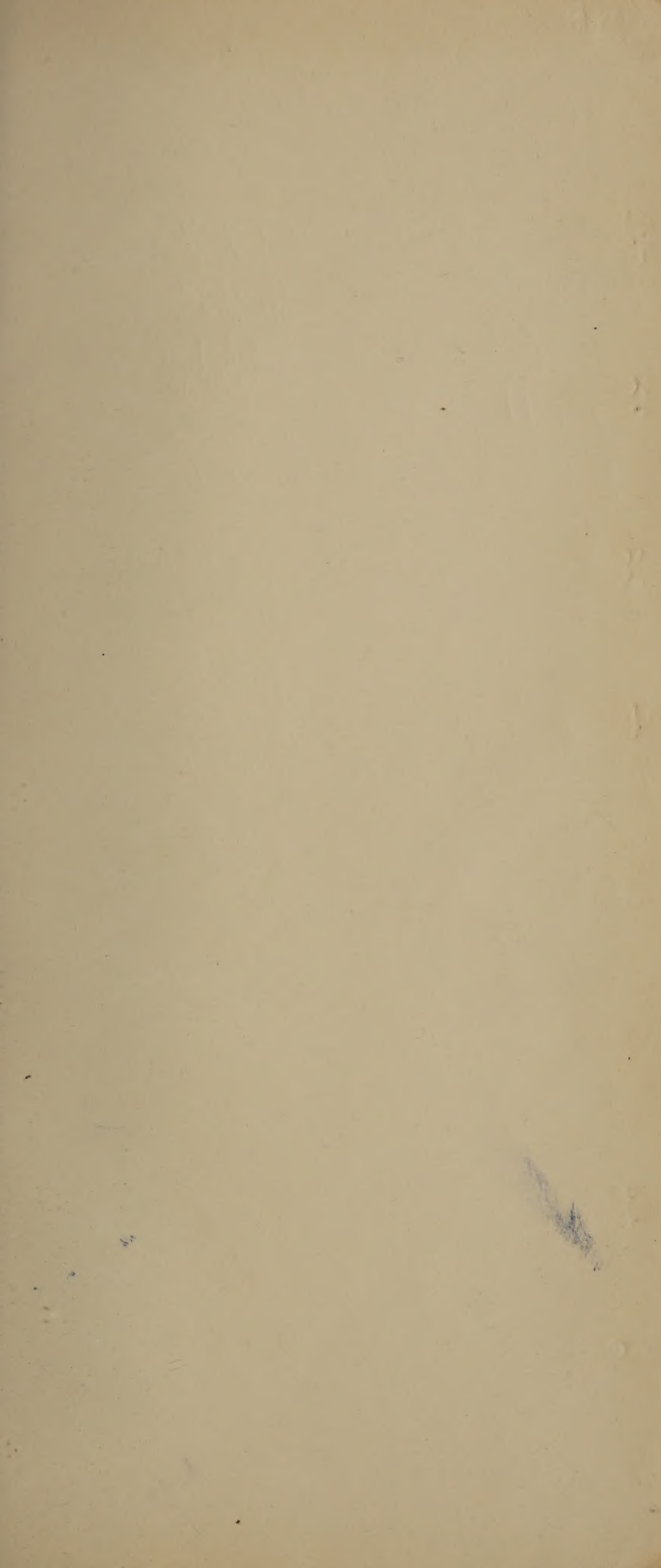
-34 7/17 7/27 8/17 3682
 seq

-35 7/14 7/24 8/10 3683
 seq

-36 7/14 7/24 8/14 3684
 seq

-1





2001 - 268 ✓

2701 - 3484

3501 - 4184 ✓

Harvest

3361

2941

2177

2178

2219

2228

2415 ✓

2417 ✓

2421 ✓

2424 ✓

2426 ✓

2430 ✓

2433 ✓

2435 ✓

2444 ✓

2449 ✓

2454 ✓

2458 ✓

3414

3416

1954

Breeding Nursery

Book 2

3761-5484

U. S. DEPARTMENT OF AGRICULTURE
AGRICULTURAL RESEARCH ADMINISTRATION

BUREAU OF PLANT INDUSTRY, SOILS
AND AGRICULTURAL ENGINEERING

CEREAL CROPS AND DISEASES

AGRONOMIC NOTES

To harvest 9/29/54

3705

V. good now

3903

3983

4081

Passive metal stiles

4383

3983

4012

4015

4021

4025

4036

4042

4045

4052

4061

4081

30

— 1067

1887-1027

TEST OF _____, 19_____

CONDITIONS OF EXPERIMENT

PLOT

Location_____

Size_____

SOIL

Kind_____

Position_____

Previous crop_____

NAME AND CONDITION OF MACHINERY

Plow_____

Disk_____

Harrow_____

Seeder_____

SEED

Variety_____

Weight per bushel_____

Source_____

Treatment_____

SEED BED

Preparation :

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

SEEDING

Manner_____

Date_____

Rate_____

TEST OF _____, 19_____

CONDITIONS OF EXPERIMENT

PLOT

Location_____

Size_____

SOIL

Kind_____

Position_____

Previous crop_____

NAME AND CONDITION OF MACHINERY

Plow_____

Disk_____

Harrow_____

Seeder_____

SEED

Variety_____

Weight per bushel_____

Source_____

Treatment_____

SEED BED

Preparation :

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

SEEDING

Manner_____

Date_____

Rate_____

_____ TEST OF _____, 19_____

CONDITIONS OF EXPERIMENT

PLOT

Location_____

Size_____

SOIL

Kind_____

Position_____

Previous crop_____

NAME AND CONDITION OF MACHINERY

Plow_____

Disk_____

Harrow_____

Seeder_____

SEED

Variety_____

Weight per bushel_____

Source_____

Treatment_____

SEED BED

Preparation :

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

SEEDING

Manner_____

Date_____

Rate_____

TEST OF _____, 19_____

CONDITIONS OF EXPERIMENT

PLOT

Location_____

Size_____

SOIL

Kind_____

Position_____

Previous crop_____

NAME AND CONDITION OF MACHINERY

Plow_____

Disk_____

Harrow_____

Seeder_____

SEED

Variety_____

Weight per bushel_____

Source_____

Treatment_____

SEED BED

Preparation :

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

SEEDING

Manner_____

Date_____

Rate_____

TEST OF _____, 19____

CONDITIONS OF EXPERIMENT

PLOT

Location_____

Size_____

SOIL

Kind_____

Position_____

Previous crop_____

NAME AND CONDITION OF MACHINERY

Plow_____

Disk_____

Harrow_____

Seeder_____

SEED

Variety_____

Weight per bushel_____

Source_____

Treatment_____

SEED BED

Preparation :

- 1. _____
- 2. _____
- 3. _____
- 4. _____
- 5. _____
- 6. _____

SEEDING

Manner_____

Date_____

Rate_____

TEST OF _____, 19____

CONDITIONS OF EXPERIMENT

PLOT

Location_____

Size_____

SOIL

Kind_____

Position_____

Previous crop_____

NAME AND CONDITION OF MACHINERY

Plow_____

Disk_____

Harrow_____

Seeder_____

SEED

Variety_____

Weight per bushel_____

Source_____

Treatment_____

SEED BED

Preparation :

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

SEEDING

Manner_____

Date_____

Rate_____

TEST OF _____, 19____

CONDITIONS OF EXPERIMENT

PLOT

Location_____

Size_____

SOIL

Kind_____

Position_____

Previous crop_____

NAME AND CONDITION OF MACHINERY

Plow_____

Disk_____

Harrow_____

Seeder_____

SEED

Variety_____

Weight per bushel_____

Source_____

Treatment_____

SEED BED

Preparation :

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

SEEDING

Manner_____

Date_____

Rate_____

TEST OF _____, 19____

CONDITIONS OF EXPERIMENT

PLOT

Location_____

Size_____

SOIL

Kind_____

Position_____

Previous crop_____

NAME AND CONDITION OF MACHINERY

Plow_____

Disk_____

Harrow_____

Seeder_____

SEED

Variety_____

Weight per bushel_____

Source_____

Treatment_____

SEED BED

Preparation :

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

SEEDING

Manner_____

Date_____

Rate_____

SAMPLE PAGE

VARIETAL TEST OF OATS, 1908

CONDITIONS OF EXPERIMENT

PLOT

Location-----Field H.
Size-----1/20 acre.

SOIL

Kind-----Prairie loam.
Position-----Somewhat rolling.
Previous crop-----Corn.

NAME AND CONDITION OF MACHINERY

Plow-----
Disk-----Osborn-----Sharp.
Harrow-----U Bar-----Good.
Seeder-----Monitor-----Good.

SEED

Variety-----Variable.
Weight per bushel-----Variable.
Source-----Variable.
Treatment-----Fanned clean and treated for smut.

SEED BED

Preparation :

1. Disked (lapped half)-----4-6-'08.
2. Disked (lapped half)-----4-10-'08.
3. Harrowed-----4-10-'08.
4. Harrowed-----4-27-'08.
5. Seeded-----4-27-'08.
6. Harrowed-----4-27-'08.

SEEDING

Manner-----Drilled.
Date-----4-27-'08.
Rate-----3 bushels per acre by weight.

SAMPLE PAGE

VARIETAL TEST OF OATS 1903

CONDITIONS OF EXPERIMENT

1903

1903

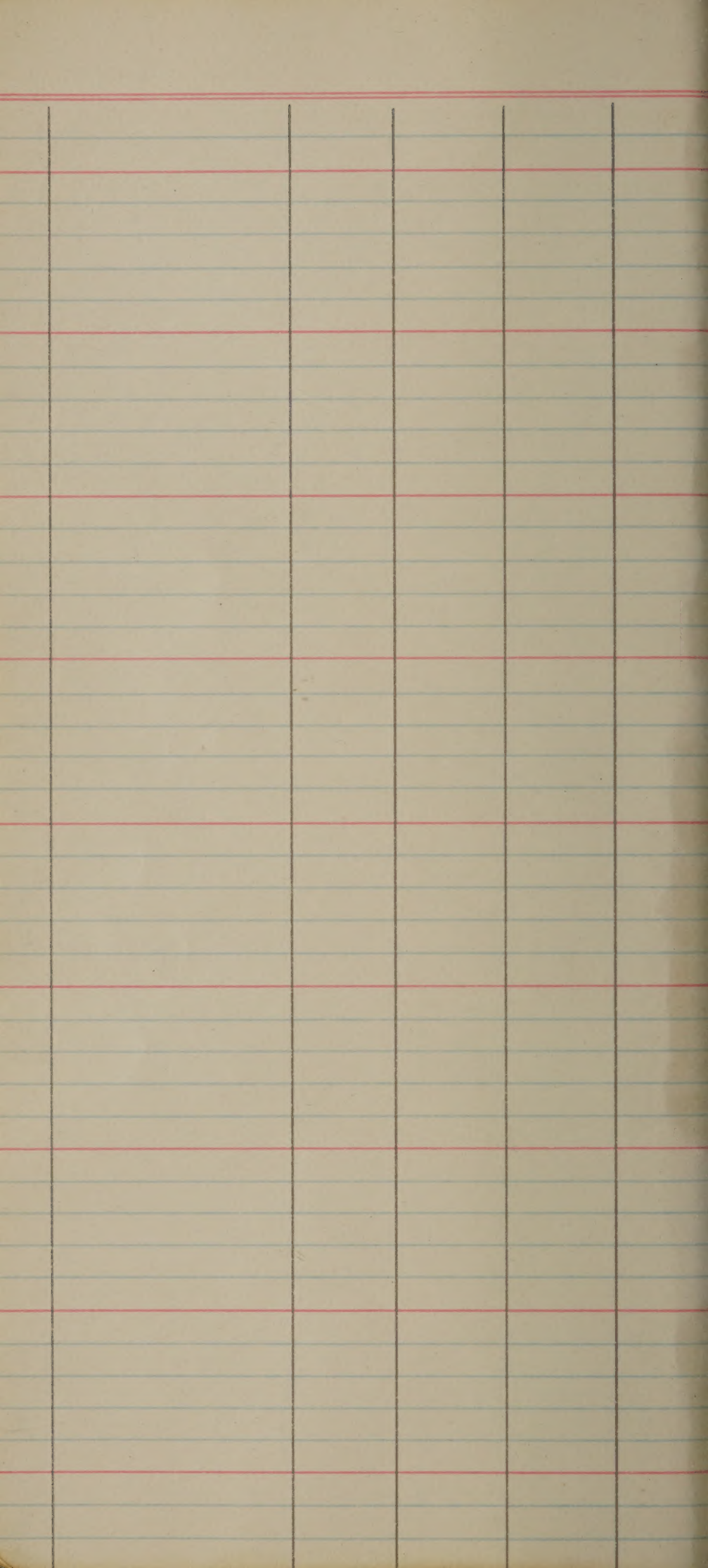
NAME AND LOCATION OF EXPERIMENT

1903

1903

1903

1903



3701 ~~B5/23A-1-31~~ Imp. BBt x SPI 180,060
7/16 7/26 8/15 5/96
seq

3702 -38
an excellent v. long of grain type
7/16 7/26 seq 8/16

3703 -39
7/13 7/24 8/15
seq

3704 -40
7/29 8/11

3705 -~~34~~
a short shelled root v. good
v. uniform, excellent Imp BBt grain
type, prob seq. not 2.0 —
7/26 8/5

3706 -42
7/15 7/26 8/11

3707 -43
7/25 8/10

3708 -~~44~~
7/18 7/28 8/8
seq

new from class many pure reasonably good approximations check grad. of SPI - 120,060	96	B5/23A-1-45	Imp. BBT x SPI	180,060	3709
			7/13	7/24	
		-46	7/15	7/26	seq
		-47	7/26	8/1	
		-48	7/24	8/5	seq
		-49	7/16	7/30	8/16 seq
		-50	7/18	7/29	8/18 seq
		-51	7/22	8/2	
		-52	7/24	8/3	

1st
Hd

Full

Ripe

3717 ✓ B5123A-1-53 Imp. BBT. x SPI 180,060
7/12 7/22 seq 8/15 5/96

3718 ✓ -58 7/16 7/26 " 5

3719 ✓ -59 7/19 7/29 " 8/19
seq

3720 ✓ Bluebonnet 50, Check
8/11 8/21 BBT 5

3721 ✓ B5123A1-56 Imp. BBT. x SPI 180,060
7/29

3722 ✓ -57 7/23 " "

3723 ✓ -58 7/29 8/3 " "

3724 ✓ -59 7/31 8/3 " "

1st
HQ

Full Ripe

96	B5123A-1-60	Imp. BB ⁺ x SPI	180,060	3725
		7/23	8/4	✓
	-68	7/25	8/6	3726
			"	✓
	-68	7/18	7/29 8/	3727
			"	✓
	-63	7/25	8/6 seq	3728
			"	✓
	-64	7/28	8/7	3729
			"	✓
	-65	7/28	8/7	3730
			"	✓
	-66	7/27	8/7	3731
			"	✓
	-67	7/26	8/5	3732
			"	✓

1st
Hd

Full Ripe

3733 ✓ 35123A-1-~~68~~ Imp. BBt x SPI 180,060
7/26 5/96

3734 ✓ -~~69~~ 7/24 8/4 "

3735 ✓ -~~70~~ 7/24 8/3 "

3736 ✓ -~~71~~ 7/26 8/6 "

3737 ✓ -~~72~~ 7/23 8/3 "

3738 ✓ -~~73~~ 7/18 7/28 7/18

3739 ✓ ✓ -~~74~~ 7/20 7/30 "

3740 ✓ Century Patna 231, Check
7/28 8/12 Cent

1st
HD

Full

Ripe

196	B5123A-1-75	Imp. BBt x SPI	190,060	7/19	7/29	8/19 seq	3741	✓
	-46			7/21	7/31	"	3742	✓
	-97			7/14	7/24 seq	8/14	3743	✓
	-78			7/17	7/27	8/17 seq	3744	✓
	-79			7/17	7/27	8/17 seq	3745	✓
	-80			7/22	8/1	"	3746	✓
	-81			7/16	7/26	8/17 seq	3747	✓
	-82			7/19	7/29	"	3748	✓

1st Fuel Ripe

3749	✓	B5123A-1-83	Imp. BBt x SPI 180,060	7/16	7/26	5/96
3750	✓	-88	"	7/14	7/24	seq
3751	✓	-89	"	7/16	7/26	8/17 seq
3752	✓	-86	"	7/29	8/10	"
3753	✓	-87	"	7/20	7/30	8/20 seq
3754	✓	-88	"	7/18	7/28	8/18 seq
3755	✓	-89	"	7/19	7/29	8/19 seq
3756	✓	-90	"	7/16	7/26	8/16 seq

1st

Full

Ripe

B5123A-1- 98	Imp. BBt x SPI	180,060	3757
	7/13	7/23 8/15 seg	✓
-92	7/13	7/23 8/15 seg	3758
			✓
-93	7/16	7/26 8/16 seg	3759
			✓
Improved Bluebonnet, Check	8/10		3760
			✓
B5123A-1- 98	Imp. BBt x SPI	180,060	3761
	7/16	7/26	✓
-95	7/13	7/23 8/15 seg	3762
			✓
-96	7/17	7/27 8/17 seg	3763
			✓
-97	7/15	7/25 8/17 seg	3764
			✓

1st Full Ripe

B5123A-1-98 Imp. BBt x SPI 180,060

3765

7/21

7/31

5/9

3766

-99

7/17

7/27

" 8/17
seg

3767

~~104~~
100

7/14

7/24

" 8/15
seg

3768

~~106~~
101

7/12

7/22

" 8/12
seg

3769

~~106~~
-102

7/16

7/26

" 8/16
seg

3770

~~107~~
103

7/25

8/9

"

3771

~~108~~
104

7/20

7/30

"

3772

~~109~~
105

7/15

7/26

" 8/15
seg

1st
Ad

Full Ripe

196	B5123A-1-70 106	Imp. BBt x SPI	180,060	7/14	7/24	8/14	3773
						seg	
	-77 107	7/19	7/29	"	8/19		3774
	-72 -108	7/13	7/23	"	seg 8/13		3775
	-73 109	7/13	7/23	"	seg 8/15		3776
	-74 110	7/16	7/26	"	8/16		3777
					seg		
304	B5223A1-1	(2164 x BBt 50)					3778
		B4512A1-32		7/22	8/1		
	-2	7/17	7/27	"	8/17		3779
					seg		
	Bluebonnet 50, Check	8/9					3780

1st
1st

Full Ripe

B5223A1-3

3781

✓

(2164 x BBt 50)

B4512A1-32

7/16

7/26

8/14

5304

seq

- 4

3782

✓

7/15

7/25

8/14

"

- 5

3783

✓

7/16

7/26

8/14

"

- 6

3784

✓

7/17

7/27

8/14

"

1st Full Ripe

304	BS223A1-7	(2164 x BBt 50) B4512A1-32 7/17 7/27 8/17 seq	3801	✓
	-8	7/18 7/28 8/18	3802	✓
	-9	7/16 7/26 8/13	3803	✓
	-10	7/16 7/27 8/16 seq	3804	✓
305	BS223A2-1	(2164 x BBt 50) B4512A1-32 7/17 7/27 seq 8/17	3805	✓
	-2	7/18 7/28 8/18	3806	✓
	-3	7/21 7/31 seq	3807	✓
	-4	7/18 7/28 8/18 seq	3808	✓

158
H2

Full Ripe

3808	✓	B5223A2-5	(2164 x BB+ 50)	B4512A1-32	5305
			7/16	7/26 8/16 seq	
3810	✓	-6	7/18	7/28 8/18 seq	
3811	✓	-7	7/23	8/3 "	
3812	✓	-8	7/12	7/27 8/17 seq	
3813	✓	-9	7/15	7/25 8/15 seq	
3814	✓	-10	7/15	7/25 8/15 seq	
3815	✓	B5223A3-1	(2164 x BB+ 50)	B4512A1-32	5306
			7/19	7/29 8/19 seq	
3816	✓	-2	7/19	7/29 8/19 seq	

154
114

Full Ripe

306	B5223A3-3	(2164 x BBt 50) B4512A1-32 7/16 7/26 8/17	3817
	-4	7/18 7/28 8/17 seq	3818
	-5	7/17 7/27	3819
unt	Century Patna 231, Check	7/24 8/3	3820
	B5223A3-6	(2164 x BBt 50) B4512A1-32 7/19 7/29 8/19 seq	3821
	-7	7/22 8/1	3822
	Very good straw		
	-8	7/26 8/8	3823
	good straw		
	-9	7/25 8/8	3824

1st
H

Full Ripe

3825	BS223A3-10	(2164 x BBt 50)	7/17	7/27	8/17	5306
✓		B4512A1-32			seq	
3826	-11	7/15	7/25	8/17	seq	
✓						
3827	-12	7/17	7/27	8/17	seq	
✓						
3828	BS223A4-1	(2164 x BBt 50)	7/20	7/30		5307
✓		B4512A1-32				
3829	-2	7/16	7/26	8/17	seq	
✓						
3830	-3	7/18	7/28	8/17	seq	
✓						
3831	-4	7/23	8/4			
✓						
3832	-5	7/16	7/26	8/13	seq	
✓						

1st
Full Ripe

308	B5223A5-1	(2164 x BBT 50)	B4512A1-32	7/16	7/26	8/16 seq	3833	✓
	-2			7/20	7/30	"	3834	✓
	-3			7/20	7/31	"	3835	✓
	-4			7/15	7/26	8/17 seq	3836	✓
	-5			7/17	7/27	8/17 seq	3837	✓
	-6			7/17	7/27	8/17 seq	3838	✓
	-7			7/17	7/27	8/17 seq	3839	✓

B4512A1-20 Hill Sel x BBT, Check
72 7/19 7/29 8/19 seq 3840 ✓

1st
Hd

Full Ripe

B5223A5-8 (2164 x BBT 50)

3841 ✓

B 4512 A1-32
7/18 7/28 8/17
seq

5308

3842 ✓

-9

7/15 7/25 8/5
seq

3843 ✓

-10

7/16 7/26 seq 8/17

3844 ✓

-11

7/18 7/28 8/17
seq

3845 ✓

-12

7/21 7/31

3846 ✓

-13

7/16 7/26 8/17
seq

3847 ✓

-14

8/9 8/20

5341-0

3848 ✓

-15

8/14

1st
Hd

Full Ripe

all the later rows appeared to be 1st maturity and heading time for maturity taken this 1st 50 prob most are	A16	8/11	8/25	3849
	17	8/5	8/17	3850
	18	8/9	8/19	3851
	19	8/9	8/19	3852
	20	8/11	8/21	3853
	21	8/10	8/20	3854
	22	8/9	8/19	3855
	23	8/9	8/19	3856

1st
Hd

Full Ripe

5223A5-24
 3857 8/5 8/16 5304-0

-25
 3858 8/9 8/19

-26
 3859 8/5 8/15

Bluebonnet 50, Check
 3860 8/5 8/15 BBX-50

-27
 3861 8/2 8/17

-28
 3862 8/5 8/15

-29
 3863 8/5 8/15

-30
 3864 8/5 8/15

1st
Hd

Full Ripe

204-08	31	8/5	8/15	3865
	32	8/9	8/19	3866
	33	8/5	8/15	3867
	34	8/2	8/14	3868
	35	8/2	8/14	3869
	36	8/9	8/19	3870
	37	8/2	8/15	3871
	38	8/2	8/15	3872

		1st Hd	Full	Ripe	
3873	A 39	8/2	8/17		5304
3874	40	8/2	8/15		
3875	41	8/5	8/15		
3876	42	8/2	8/13		
3877	43	8/2	8/12		
3878	44	8/5	8/15		
3879	45	8/9	8/19		
3880	Century Patna 231, Check				Cust
		7/22	8/1		

1st
HD

Full Ripe

408	A 46	7/16	7/26	8/13	3881	✓
	47	8/5	8/16		3882	✓
	48	8/5	8/16		3883	✓
	49	8/5	8/16		3884	✓
	50					
	51					
	52					
	53					

1st
HA

Full Ripe

3901	A54	8/9	8/19		5304
3902	55	8/9	8/19		
3903	56	8/11	8/21	9/11	
3904	57	8/9	8/19		
3905	58 8/11	7/17 <u>roque</u>	8/17		
3906	59	8/10	8/20		
3907	60	8/8	8/19	9/10	
✓ not B.B.T 50x 216x Has green stem & short V. good					
		76.0	-4.5	3	24.5
3908	61	8/8	8/19		

1st Full Ripe

304-08	A62	8/8	8/19	3909
	63	8/11	8/21	3910
	64	8/8	8/19	3911
	Ant B 50 x 26 64 Puh x B455A1-25			
	65	8/8	8/19	3912
	like 3911			
B5227A2-1	(CP 231 x 2137)			
10	B4513A1-23	7/17	7/27 seq 8/17	3913
	-2	7/16	7/26 8/16 seq	3914
	-3	7/15	7/25 8/15 seq	3915
	-4	7/13	7/23 8/13	3916

1st
Hd Full Ripe

3917	B5227A2-5	(CP 231 x 2137)	B4513A1-23	5310
✓		7/15	7/25	8/15 seq.
3918	-6	7/14	7/25	8/14 seq
✓				
3919	-7	7/13	7/23	8/10
✓				
3920	B4512A1-20	Hill Sel x BBT, Check	7/18	7/28 8/12 72
✓				
3921	B5227A2-8	(CP 231 x 2137)	B4513A1-23	
✓		7/13	7/23	8/8
3922	-9	7/14	7/24	8/8
✓				
3923	-10	7/16	7/26	8/6
✓				
3924	-11	7/15	7/25	8/8
✓	good, short straw, good grain type, v. slender			

Full Ripe

BS227A2-12

(CP231x2137)

B4513A1-23

3925

7/15

7/25

8/8
seg

-13

7/13

7/23

8/8
seg

3926

-14

7/13

7/23

8/10

3927

-15

7/13

7/24

8/10

3928

-16

7/16

7/26

8/16
seg

3929

-17

7/12

7/22

8/12

3930

-18

7/14

7/24

8/14
seg

3931

-19

7/14

7/24

8/10

3932

1st
Ad

Full Ripe

3933	B5227A2-20	(CP 231 x 2137) B 4513A1-23	7/15	7/25	8/15 seq	5310
3934	-21		7/13	7/23	8/13 seq	
3935	-22		7/14	7/24	8/14 seq	
3936	-23		7/11	7/22	8/11	
3937	-24		7/11	7/21	8/9	
3938	-25		7/12	7/25	8/15 seq	
3939	-26		7/13	7/23	8/10	
3940	Bluebonnet 50, Check					B13 & 5

158
H10

Full Ripe

BS227A2-27	(CP 231 x 2137) B 4513A1-23	7/14	7/24	8/10	3941
-28	"	7/14	7/24	8/10	3942
-29	"	7/14	7/24	8/10	3943
-30	"	7/14	7/24	8/10	3944
-31	"	7/13	7/23	8/13 seg	3945
-32	"	7/14	7/24	8/14 seg	3946
-33	"	7/14	7/24	8/14 seg	3947
-34	"	7/12	7/22	8/10	3948

18
Hd

Full Ripe

3949 ✓ B5227A2-35 (CP 231x2137)
B 4513A1-23 5310
7/14 7/24 8/14
seq

3950 ✓ -36 7/14 7/14 8/8

3951 ✓ -37 7/13 7/23 8/10

3952 ✓ -38 7/11 7/22 8/14

3953 ✓ -39 7/14 7/24 8/14

3954 ✓ -40 7/14 7/24 8/12
seq

3955 ✓ -41 7/15 7/26 8/12

3956 ✓ -42 7/17 7/27 8/17
seq

1st
44

Full Ripe

B5227A2-43	(CP 231 x 2137)	B 4513A1-23	3957
310	7/15	7/26 8/15	✓
-44	7/13	7/23 8/12	3958
		"	✓
-45	7/14	7/24 8/12	3959
		"	✓
Century Patna 231, Check	7/25	8/7	3960
			✓
B5227A2-46	(CP 231 x 2137)	B 4513A1-23	3961
	7/14	7/25 8/12	✓
-47	7/13	7/23 8/12	3962
		"	✓
-48	7/19	7/29 8/19	3963
		reg	✓
-49	7/13	7/23 8/15	3964
		reg	✓

14
Hd

Full Pipe

3965	B5227A2-50	(CP 231 x 2137)	B4513A1-23	3310
		7/18	7/28	8/18 seq
3966	-51	7/17	7/27	8/17 seq
3967	-52	7/16	7/26	8/12
3968	-53	7/19	7/29	8/19 seq
3969	-54	7/14	7/24	8/14 seq
3970	-55	7/11	7/22	8/10
3971	-56	7/11	7/21	8/10
3972	-57	7/12	7/22	8/12 seq

1st
Full Ripe

B5227A2-58 (CP 231x 2137)				
310	B4513A1-23	7/14	7/24	8/14 seq
	3973			✓
-59		7/12	7/22	8/12
	3974			✓
-60		7/12	7/22	8/10
	3975			✓
-61		7/14	7/24	8/14
	3976			✓
-62		7/14	7/24	8/12 seq
	3977			✓
-63		7/16	7/26	8/16 seq (noque?)
	3978			✓
-64		7/15	7/25	8/15
	3979			✓
B4512A1-20	Hill Sel x BBT, Check	7/18	7/28	8/18
72.				3980
				✓

18
Hd

Full Ripe

3981 35231A1-1

BBt 50 x 455A1-25 31

3981

8/5

8/16

9/5

-2

3982

8/9

8/19

"

-3

3983

8/12

"

80.0

-3.5

-

-

-4

3984

8/15

"

1st
Hd

Full Ripe

3/2	BS231A1-5	BBt 50 x 455A1-25	8/9	8/19	4001
	-6		8/11	"	4002
	-7		8/8	8/19	4003
	-8		8/8	8/19	4004
	-9		8/11	"	4005
	-10		8/8	8/19	4006
	-11		8/8	8/19	4007
	-12		8/5	8/17	4008

1st
H2 Full Ripe

B5231A1-13 (BBt 50 x 455A1-25)
4009 8/12 53/2

4010 -14 8/9 8/19 "

4011 -15 8/12 "

4012 -16 8/9 8/19 "

4013 -17 79.5 -0.5 3 -
8/9 8/19 "

B5231A2-1 BBt 50 x 455A1-25
4014 8/11 8/19 53/3

4015 -2 8/9 8/19 9/10

4016 -3 84.0 +0.5 - 24.5
8/9 8/19 "

1st Rd Full Ripe

35231A2-4 (BBt 50 x 455A1-25)
 8/11 4017 ✓

-5 8/9 8/19 " 4018 ✓

-6 8/11 " 4019 ✓

Bluebonnet 50, check
 BBt 50 8/11 4020 ✓

35231A2-7 BBt 50 x 455A1-25
 8/9 8/19 4021 ✓

80.5 +0.5 3 27.0
 -8 8/5 8/16 " 4022 ✓

-9 8/11 " 4023 ✓

-10 8/9 8/19 " 4024 ✓

1st
Hd

Full Ripe

4025	B523/A2-11	BB+50 x 455A1-25	8/9	8/19	53/3
4026	-12		8/9	8/19	"
4027	-13		8/9	8/19	"
4028	-14		8/9	8/19	"
4029	-15		8/9	8/19	"
4030	-16		8/5	8/17	"
4031	-17		8/5	8/15	"
4032	A-18		8/5	8/15	53/4-1

1st
Hd

Full

Ripe

14-15	A19	8/9	8/19		4033	✓
	-20	8/5	8/16		4034	✓
	-21	8/9	8/19		4035	✓
	-22	8/5	8/16		4036	✓ No?
80.0	-3.5	—	31.0			
	-23	8/5	8/16		4037	✓
	-24	8/12			4038	✓
	-25	8/9	8/19		4039	✓
B455A1-25	BBT x (TP x R - SBR)	8/5	8/16		4040	✓

		1st HD	Full	Ripe	
4041	A-26 P.E. {	8/9 short stream to B455A1-25	8/19 unifine	53/11-1 seg	
4042	Nv? -27 P.E. {	8/9 short stream B.C. to B13+50	8/19 unifine	81.5 -7.0 2 1/2	30.0
4043	28	8/11			
4044	29	8/9	8/19		
4045	30	8/9	8/19		
4046	31	8/9	8/19	81.5 -2.0 3	-
4047	32	8/9	8/19		
4048	33	8/9	8/19		

1st
HD

Full Ripe

4-15	A34	8/5	8/17	4049
	35	8/9	8/19	4050
	36	8/8	8/19	4051
	37	8/8	8/19	4052
	38	8/8	8/19	4053
	39	8/5	8/17	4054
	40	8/8	8/19	4055
	41	8/8	8/19	4056

		184 162	Full Ripe		
4057	-42	8/5	8/17	53/10-15	
4058	-43	7/29	8/7		
4059	B5232A1-1	B455A1-25 x Cent.	7/27 8/7	53/6	
4060	Century Patna 231, Check	7/25 8/5		Cent	
4061	B5232A1-2	B455A1-25 x Cent.	8/1 8/12		
4062	-3	85.5 8/3	+2.0 8/14	1 1/2	—
4063	-4	8/1	8/12	"	
4064	-5	8/1	8/11	"	

$\frac{138}{410}$ Full Ripe

B5232A1-6	B 455A1-25 x Cent.	8/8	8/19	4065
-7	8/3	8/13	"	4066
-8	7/31	8/11	"	4067
-9	7/29	8/11	"	4068
-10	7/28	8/10	"	4069
-11	7/23	8/3	"	4070
-12	7/28	8/8	"	4071
-13	7/31	8/12	"	4072

184

Wd

Full Ripe

4073	B5232A1-14	B455A1-25 x Cent.	7/26	8/6	53/6
4074	-15	8/3	8/14	"	
4075	-16	8/3	8/14	"	
4076	-17	78.0	-2.0	-	-
4077	-18	8/1	8/12	"	
4078	-19	7/27	8/12	"	
4079	-20	7/28	8/11	"	
4080	Bluebonnet 50, Check	8/8	8/19		BBT.50

1st

H2

Full Ripe

3/6	B5232A1-21	B 455A1-25 x Cent.	8/3	8/13	4081
	74.5	-5.5	1	—	
	-22	8/8	8/19	"	4082
	-23	8/1	8/12	"	4083
	-24	8/8	8/19	"	4084

Saved heads from practically even
 B5 232A side ¹⁵ not as short as CP
 HA Full Ripe

4101	B5232A1-25	B455A1-25x Cent	7/25	8/7	53/6
4102	-26	8/8	8/19	"	
	V. short stem				
4103	-27	8/8	8/19	"	
4104	-28	7/29	8/9	"	
4105	-29	8/1	8/12	"	
4106	-30	8/9	8/17	"	
	V. short green Veg.				
4107	-31	7/29	8/10	"	
4108	-32	7/29	8/10	"	
	V. short				

1st
HD

Full Ripe

B5232A1-33 3/6	B455A1-25 x Cent 7/27	8/8	4109
V. short			
-34	8/5	8/15 "	4110
-35	7/29	8/10 "	4111
-36	8/5	8/16 "	4112
-37	8/7	8/17 "	4113
-38	8/11	8/ "	4114
-39	8/1	8/11 "	4115
-40	7/31 V. short stem	8/12 "	4116

1st Full Ripe

4117	B5232A1-41	B455A1-25 x Cent	8/2	8/12	53/6
		Rather tall but v. green stem			
4118	-42	"	8/5	8/15	
4119	-43	"	7/31	8/12	
		Has v. short stem, plant to greenhouse			
4120	B455A1-25	BBT x (TP x R-SBR)	8/8	8/19	314
4121	B5232A1-44	B455A1-25 x Cent.	7/28	8/12	
4122	-45	"	8/5	8/15	
		Taller than others, looks like CP			
4123	-46	"	8/1	8/12	
4124	-47	"	7/31	8/12	

$\frac{1.54}{1.12}$

Full Ripe

BS232A1-48	B455A1-25 x Cent.			
3/6	8/8	8/19		4125
-49	7/31	8/12	"	4126
1. short stem (most)		is shorter than		<u>Nr</u>
77.0 -9.0	2	—		
-50	8/8	8/19	"	4127
short stem				
-51	8/3	8/13	"	4128
-52	8/5	8/15	"	4129
-53	8/3	8/13	"	4130
fairly short stem				
-54	7/31	8/10	"	4131
-55	8/11	8/20	"	4132

1st
440 Full Ripe

4133	B 5232A1-56	B 455A1-25 x Cent	7/29	8/12	53/10
------	-------------	-------------------	------	------	-------

4134	-57	"	7/31	8/12	
------	-----	---	------	------	--

4135	-58	"	7/31	8/12	
------	-----	---	------	------	--

4136	-59	"	8/3	8/14	
------	-----	---	-----	------	--

4137	-60	"	8/5	8/15	
------	-----	---	-----	------	--

4138	-61	"	8/7	8/19	
------	-----	---	-----	------	--

4139	-62	"	7/29	8/12	
------	-----	---	------	------	--

4140	Century Patna 231, Check	7/29	8/12	Cent	
------	--------------------------	------	------	------	--

135

Hd

Full Ripe

B5232 A1-63	B455 A1-25 x Cent.	7/31	8/11	4141
-64	8/5	8/15	"	4142
-65	7/26	8/6	"	4143
	V. short stem			
-66	7/28	8/11	"	4144
-67	8/5	8/15	"	4145
	V. short stem			
-68	8/1	8/11	"	4146
-69	7/26	8/10	"	4147
-70	8/5	8/15	"	4148
	V. short stem			

^{1st}
110 Full Ripe

4149	B5232 A1-71	B455 A1-25 x Cent.	8/1	8/11	53/6
4150	-72	7/30	8/10	"	
4151	-73	8/5	8/15	"	
4152	-74	8/1	8/11	"	
4153	-75	8/3	8/13	"	
4154	-76	7/29	8/12	"	
4155	-77	8/3	8/13	"	
4156	-78	8/4	8/15	"	

1st

HQ

Full Ripe

3/6 B5232A1-79 B455A1-25 x Cent. 4157
7/30 8/12

-80

7/30

8/12

4158

an excellent

E. pt. type

fine

75.0

-5.0

1 1/2

39.5

hundreds of buds

-81

8/1

8/11

4159

Bluebonnet 50, Check 4160
BT-50 8/10 8/20

B5232A1-82 B455A1-25 x Cent. 4161
7/27 8/10

-83

7/27

8/10

4162

-84

7/26

8/10

4163

-85

7/26

8/8

4164

short stem, long row.

154
160

Full Ripe

B5232A1-86

B455A1-25xCent.

4165

7/26

8/8

53/10

4166

-87

7/27

8/11

"

4167

-88

7/25

8/5

"

4168

-89

7/27

8/11

"

4169

-90

7/24

8/3

"

v. short stemmed c p type
watch

77.5

-2.5

1 1/2

50.5

4170

-91

7/25

8/5

"

4171

-92

8/10

8/21

"

4172

-93

8/9

8/20

"

1st
HD

Full Ripe

3/6	B5232A1-94	B455A1-25 x Cent.	7/25	8/5	"	4173
	-95		7/29	8/10	"	4174
	-96		8/5	8/15	"	4175
	-97		7/30	8/11	"	4176
	-98		7/25	8/5	"	4177
	-99		7/25	8/5	"	4178
	V. short stem					
	-100		7/27	8/5	"	4179
	V short stem					
4	B455A1-25	BB4x (TPxR-SBR) check	8/10	7/27	8/21/2007	4180

1st

Hd

Full Ripe

B5232A1-101

B455A1-25 x Cent.

4181

7/26 8/5

53/6

-102

4182

8/8

8/19

"

-103

4183

8/3

8/13

"

-104

4184

7/23

8/3

"

¹³⁸
No Full Ripe

BS232A1-105 16	B45 7/28	5A1-25xCent 8/7	4201
-106	7/28	8/7	4202
-107	7/28	8/8	4203
-108	7/31	8/10	4204
-109	7/26	8/5	4205
Appears to have good Dist. Hk a V. good CP type shorts stain 80.5 - 8.0 2 51.5			
-110	8/1	8/13	4206
-111	8/1	8/13	4207
-112	8/3	8/13	4208

154

140

Full Ripe

B5232A1-113

B455A1-25 x Cent.

4209

7/26

8/6

5316

✓

4210

-114

8/8

8/19

"

✓

4211

-115

7/28

8/8

"

✓

4212

-116

7/26

8/9

"

✓

4213

-117

8/3

8/13

"

✓

4214

-118

7/28

8/12

"

✓

B5233A1-1

B455A1-25 x T. PATNA

4215

5318

Rather short stems, pink some
Co resist

4216

-2

"

earlier ✓

1st

H2

Full Ripe

B5233A1-3 B455A1-25 x T. PATNA 4217 ✓

-4 8/5 8/15 " 4218 ✓

-5 8/9 8/19 " 4219 ✓

Texas Patna, Check 4220 ✓

B5233A1-6 B455A1-25 x T. PATNA 4221 ✓

-7 8/5 8/16 " 4222 ✓

-8 8/5 8/15 " 4223

a v. good row, short stem
good CP grain type, Adn
possibly seg 86.0 C.O.H. 3 30.5

-9 8/8 8/20 " 4224 ✓

18
H0

Full Ripe

4225	B5233A1-10	B455A1-25 x T. PATNA	53/8
✓	Some with green stem on 11/1	8/18	8/19
4226	-11		"
✓			
4227	-12	8/18	8/21
✓			
4228	-13		"
✓	at succ to CO		
	rather tall		
4229	-14	8/5	8/15
✓	disc and CO		
4230	-15	8/5	8/15
✓			
4231	-16	8/9	8/19
✓			
4232	-17	8/9	8/19
✓			

LST

1/10

Full Ripe

B5233A1-18

B455A1-25 x T. PATNA

8/8

8/20

4233

✓ Nv

89.5

+4.5

3

25.5

-19

8/8

8/18

4234

✓

-20

8/10

8/20

4235

Nv

92.0

+3.5

(3 + 2 1/2)

26.5

-21

8/9

8/19

4236

✓

-22

8/8

8/19

4237

✓

-23

8/5

8/15

4238

CO

Susc

Discol

-24

7/25

4239

✓

a late row, noque, v. little CO,

Bluebonnet 50, Check

8/12

8/22

4240

✓

18
1st
110

Full Ripe

4241 B5233A1-25 B455A1-25 x T. PATNA 53/8

4242 -26 8/11 8/21 "

243 -27 8/5 8/15 "

4244 -28 8/9 8/19 "

4245 -29 8/9 8/19 "

4246 -30 8/11 8/21 "

4247 -31 "

4248 -32 8/9 8/19 "

150

HD

Full Ripe

B5233A1-33 B455A1-25xT. PATNA

4249

9 late row, green stem
 V. good, some short stemmed plants
 sturdy stem

-34

8/12

8/23

4250

✓

-35

8/9

8/19

4251

✓

-36

8/9

8/19

4252

✓ Short stem, sturdy
 green stem, uniform

Nr.

92.5

+3.0

3x3

21.5

-37

4253

✓

-38

4254

✓

-39

8/9

8/19

4255

✓

-40

8/12

8/23

4256

✓

1st

112

Full Ripe

B5233A1-41

B455A1-25 x T. PATNA

4257

53/8

8/11

8/21

✓ v. good texture

4258

-42

8/10

8/21

"

✓

4259

-43

8/5

8/15

"

✓

B455A1-25

BBT x (TP x R-SBR) Check

4260

8/12

8/22

314

✓

B5233A1-44

B455A1-25 x T. PATNA

4261

8/9

8/19

✓

4262

-45

8/9

8/19

"

✓

4263

-46

"

too green
No bush 11/1

4264

-47

8/9

8/19

"

✓

^{1st}
Full Ripe

B5233A1-48	B455A1-25xT. PATNA	4265
S to CO	Too green ✓	
-49	"	4266
S to CO	Too green	
-50	8/9 8/19 "	4267
		✓
-51	"	4268
no CO, v. good	Too green No heads "✓	
-52	8/9 8/22 "	4269
		✓
-53	8/9 8/19 "	4270
		✓
-54	"	4271
		✓
-55	"	4272
		✓

184
110

Full Ripe

B5233A1-56

B455A1-25 x T. PATNA

4273

8/11

8/21

53/8

4274

-57

8/9

8/20

"

4275

-58

8/5

8/15

"

4276

-59

8/5

8/16

"

4277

-60

"

4278

-61

"

4279

-62

"

4280

Texas Patna, Check

is much taller than adjacent
hybrid row

Tip

134
112

Full Ripe

B5233A1-63

B455A1-25x T. PATNA

8/5

8/15

4281

✓

-64

"

4282

✓

a v good late mat. short
stalked, green stalked row

-65

"

8/5

8/15

4283

✓

-66

"

8/5

8/16

4284

✓

[Signature]

1st
H

Full Ripe

4301	B 5233A1-67	B 455A1-25 x T. PATNA	53/8
✓			
4302	-68	8/9 8/19	"
4302		89.0 +4.0 3 1/2	25.5
4303	-69	8/9 8/19	"
✓			
4304	-70	8/9 8/19	"
✓			
4305	-71		"
✓			
4306	-72		"
	too green		
4307	-73	8/9 8/19	"
✓			
4308	-74	8/11 8/21	"
	V. short straw - good		✓
Hv=	89.5 0 3	24.0	

1st
HD

Full Ripe

BS233A1-75	B455A1-25x T. PATNA	4309	disc
-76	8/10 8/20	4310	disc
-77	8/9 8/19	4311	✓
-78 8/10	7/30 sep 8/20	4312	✓
-79	"	4313	too green
-80	"	4314	too green
-81	8/11 8/21	4315	✓
-82	8/9 8/19	4316	✓

1st
HD

Full Ripe

4317 B5233A1-83 B455A1-25xT. PATNA 53/8

✓ V. short stem late

4318 -84 "

4319 -85 8/9 8/19 "

4320 Bluebonnet 50, Check 8/9 8/19 B13750

4321 B5233A1-86 B455A1-25xT. PATNA 8/11 8/21

4322 -87 "

4323 -88 "

4324 -89 8/5 8/15 "

✓ V. early possibly as E as C.P.
Uniform short stem
Valley Watch

87.0 +2.0 3 25.5

HD

Full Ripe

B5233A1-90	B455A1-25xT.	PATNA	4325
3/8	V good late, Hasv. short too far stump Some with new stem		
-91	8/11	8/21	4326
			disc
-92	8/12	8/22	4327
			✓
-93	8/12	8/22	4328
			disc
-94			4329
			medium ✓
-95			4330
			medium ✓
-96	8/9	8/19	4331
			Dr
90.5	+1.0	$3\frac{1}{2} \times 2\frac{1}{2}$	22.0
-97	8/9	8/19	4332
	Co	Succ	disc

18
40 Full Ripe

4333 B5233A1-98 B455A1-25xT. PATNA 5318

too tall

4334 -99 8/9 8/19 "

4335 -100 "

4336 -101 8/9 8/19 "

4337 -102 8/9 8/19 "

4338 -103 "

4339 -104 "

4340 B455A1-25 BBI x (TP x R - SBR) 314

64.5 -18.0 | 63.0

1st
H-D Full Ripe

B5233	A1-105	B45	5A1-25xT. Patna	4341
3/8	8/12	8/23		
Sto	CO	last	short straw	No
check	81.0	+1.0	2 1/2	27.0
	-106		"	
				4342
				✓
	-107		"	
				4343
				✓
	-108		"	
				4344
				✓
	-109		"	
				4345
				✓
	-110		"	
				4346
				✓
	-111		"	
				4347
				✓
	-112	8/9	8/19	4348
				✓

154
110 Full Ripe

4349	B5233 A1-113	B455 A1-25 x T.	PATN	531
4350	-114	"		5318
4351	B505 A1-2-1 72.0	Cent. x HO 12 8/2 8/12		3818
4352	-2	7/28 8/7	"	✓
4353	-3	7/22 8/1	"	✓
4354	B505 A1- -8-1 68.8 Prob. Segs. for Qual.	Cent. x HO 12 7/18 7/28 8/19		3820
4355	-2	7/18 7/28 8/19		✓
4356	-3	7/18 7/28 8/19		✓

all are tail + neck
4353 shorted stem,

↑
Pattn short stem
excellent gen. texture, good

152
HO Full Ripe

225 B505A1-9-1 Cent. x HO 12
70.2 7/19 7/29 8/19 4357

-2 7/18 7/28 8/19 4358

-3 7/18 7/28 8/19 4359

Century PATNA 231, Check
8/3 8/13 4360

227 B505A1-11-1 Cent x HO 12
70.0 7/29 8/9 4361

Tallest 9 June
88.0 +2.0 3 1/2 24.0

-2 7/21 7/31 4362

71.0 -14 2 + 1 1/2
-3 7/19 7/29 4363

51.5
~~63.0~~ -33.5 1 + 1 85.0

229 B505A1-13-1 Cent. x HO 12
68.0 7/19 7/29 8/19 4364

Subfactorial growth

all roots tall, thin
much like C.P. given
the time of growth

¹⁵⁸
HO Full Ripe

4365 B505A1-13-2 Cent x HO 12 7/21 7/31 3829 ✓

4366 -3 7/22 8/1 3829 ✓

4367 B505A1-15-1 Cent x HO 12 69.2 7/25 8/6 3831 ✓

4368 -2 7/22 8/1 3831 ✓

4369 -3 7/23 8/3 3831 ✓

4370 B505A1-17-1 Cent x HO 12 73.2 7/20 7/30 8/20 3834 ✓

4371 85.5 +0.5 1 62.5 7/21 7/31 8/22 ✓

4372 -3 7/19 7/29 8/19 ✓

nearly satis. qual

of the merchandise
only for
copying

154

HD

Full Ripe

B505A1-27-1

Cent x HD 12

843 72.12

7/25 8/6

4373

Proh. Seg. for qual.

Shorter than other plants 144

85.0

0

2 1/2

28.0

-2

7/20

7/30

8/20

4374

Too tall

-3

7/28

8/8

4375

Too tall

B505A1-28-1

Cent x HD 12

844 70.6

7/22

8/1

4376

Proh. Seg. for qual.

-2

7/22

8/1

4377

79.0

-6.0

2 1/2

53.0

-3

7/19

7/29

8/21

4378

B505A1-30-1

Cent x HD 12

846 68.42

7/20

7/30

8/21

4379

Bluebonnet 50, Check

8/9

8/19

4380

154
HD

Full Ripe

-30-2

B505A1-30-2

Cent x HD 12

4381

68.42

7/31

8/11

3846

✓

sat qual.

73.0 -12.

2 1/2

54.0

4382

-2

7/31

8/11

✓

✓

B505A1-34-1

Cent x HD 12

4383

73.32

7/18

7/28

8/19

3850

-2

7/18

7/28

8/19

✓

4384

✓

385

386

387

388

188
HO

Full Ripe

B505A1-34-3 Cent x HO 12
 7/18 7/28 8/19 4401
Dr

B505A1-38-1 Cent x HO 12
 54 70.60 7/27 8/9 4402
 prob Segr. v. short straw slender
 excellent grain texture Dr

-2 8/2 8/12 4403
Dr

-3 7/28 8/9 4404
Dr

B505A1-44-1 Cent x HO 12
 860 70.32 7/30 8/10 4405
Dr

-2 7/31 8/10 4406

-3 7/29 8/10 4407

B505A1-45-1 Cent x HO 12
 61 72.0 8/2 8/12 4408

158

HO

Full Ripe

4409	B505A1-45-2 72.0	8/1	Cent x HO 12 8/12	3861
------	---------------------	-----	----------------------	------

4410	-3	8/2	8/13	✓
------	----	-----	------	---

4411	B505A1-56-1 68.96	7/31	Cent x HO 12 8/11	3872
------	----------------------	------	----------------------	------

4412	-2	7/31	8/11	✓
------	----	------	------	---

4413	-3	7/31	8/11	✓
------	----	------	------	---

4414	B505A1-59-1 69.2,	7/26	Cent x HO 12 8/6	3875
------	----------------------	------	---------------------	------

4415	-2	7/26	8/6	✓
------	----	------	-----	---

4416	-3	7/26	8/6	✓
------	----	------	-----	---

1st HO P. 00 Ripe

B505A1-62-1 878 71.28 Prob. Segr.	Cent x HO 12 7/23 8/3	4417 ✓
-2	7/31 8/10 "	4418 ✓
-3	7/29 8/10 "	4419 ✓ W
HO-341-1-1-1 04	TP x B3812A, Check 8/5 8/15	4420 ✓
B505A1-63-1 879 71.92	Cent x HO 12 7/22 8/2	4421 ✓
-2	7/24 8/4 "	4422 ✓ W
-3	7/22 8/2 "	4423 ✓
B505A1-64-1 880	Cent x HO 12 7/22 8/3	4424 ✓ W

154
HD

Full Ripe

4425	B505A1-64-2	Cent x HD 12	7/28 8/8	3880
4426	-3	"	7/24 8/7	✓
4427	B505A1-66-1 73.6, Prot Seg. Dune	Cent x HD 12	7/29 8/10	3882
4428	-2	"	7/31 8/10	✓
4429	-3	"	7/30 8/10	✓
4430	B505A1-67-1 73.0 Prot seg.	Cent x HD 12	7/31 8/10	3883
4431	-2	"	7/22 8/7	✓
4432	-3	"	8/2 8/10	✓

^{1 1/2} Full Ripe

888	B505A1-72-1	Cent x HO 12	7/20	7/30	8/20 ^{sec}	4433	NV
		small stems					
	-2		7/20	7/30	8/20 ^{sec}	4434	✓
	-3		7/20	7/30	8/20 ^{sec}	4435	✓
205	B505A1-79-1	Cent x HO 12	7/20	7/30	8/20 ^{sec}	4436	✓
	-2		7/20	7/30	8/20 ^{sec}	4437	✓
	-3		7/25	8/6		4438	✓
16	B505A1-90-1	Cent x HO 12	7/25	8/6		4439	✓
		V. long grains, fairly slender					NV
ut	Century PATNA 231, Check		7/21	7/31		4440	

1st
No Full Ripe

4441	B505A1-90-2	8/2	Cent x HD 12	3916
✓				
4442	-3	8/3	8/13	✓
✓	med full	grams		
4443	B506A1-3-1	7/21	Cent x HD 10	3923
✓				
4444	-2	7/23	8/3	✓
✓				
4445	-3	7/29	8/10	✓
✓				
4446	B506A1-4-1	7/26	Cent x HD 10	3924
✓				
4447	-2	7/21	7/31	✓
✓				
4448	B506A1-10-1	7/22	Cent x HD 10	3930
✓				

$\frac{100}{110}$

Full Ripe

B503A1-10-1	BBt x Z	4449
777	7/22 8/1	✓
-2	7/22 8/1	4450
	"	✓
-3	7/20 7/30	4451
	"	✓
B503A1-15-1	BBt x Z	4452
822	7/27 8/8	✓
-2	7/31 8/10	4453
	"	✓
-3	7/29 8/10	4454
	"	✓
B501A1-6-1	BBt x B433A2-6	4455
022	8/9 8/19	✓
-2	8/11 8/21	4456
	"	✓

188

40

Full Ripe

4457	B501A1-6-2	BBt x B433A2-6	8/12	8/22	4027
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4458	B501A1-10-1	BBt x B433A2-6	8/12	8/22	4027
------	-------------	----------------	------	------	------

4459	-2	"	8/9	8/19	✓
------	----	---	-----	------	---

4460	Bluebonnet 50, Check		8/9	8/19	BBt 50
------	----------------------	--	-----	------	--------

4461	B501A1-10-3	BBt x B433A2-6	8/10	8/21	4026
------	-------------	----------------	------	------	------

4462	B501A1-26-1	BBt x B433A2-6	8/7	8/17	4047
------	-------------	----------------	-----	------	------

4463	-2	"	8/8	8/18	✓
------	----	---	-----	------	---

4464	-3	"	8/7	8/17	✓
------	----	---	-----	------	---

^{1st}
 440 Full Ripe

048	B501A1-32-1	BB+ x B433A2-6	8/9	8/19	4465
	-2		8/7	8/17	4466
049	B501A1-33-1	BB+ x B433A2-6	8/9	8/19	4467
	-2		8/7	8/17	4468
	-3		8/9	8/19	4469
050	B501A1-34-1	BB+ x B433A2-6	8/9	8/19	4470
	-2		8/9	8/19	4471
	-3		8/9	8/19	4472

182
110

Full Ripe

4473 ✓	B501A1-40-1	BB+ x B433A2-6	8/7	8/17	4056
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4474 ✓	-2		8/7	8/17	
--------	----	--	-----	------	--

4475 ✓	-3		8/7	8/17	
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4476 ✓	B501A1-52-1	BB+ x B433A2-6	8/9	8/19	4068
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4477 ✓	-2		8/9	8/19	
--------	----	--	-----	------	--

4478 ✓	-3		8/7	8/17	
--------	----	--	-----	------	--

4479 ✓	B501A1-83-1	BB+ x B433A2-6	8/9	8/19	4104
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4480 ✓	H0-341-1-1-1	TP x B3812A, Check	7/19	7/29	8/20 104
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134

HA

Full Ripe

B501A1-83-2

104

BBt x B433A2-6

8/9

8/19

4481

-3

8/9

8/19

11

4482

B501A1-87-1

08

BBt x B433A2-6

8/11

8/21

4483

-2

8/12

8/22

11

4484

152

112

Full Ripe

B501A1-87-3

4501

BBt x B433A2-6

8/12

8/22

4108

B501A1-89-1

4502

BBt x B433A2-6

8/9

8/19

4110

-2

4503

8/9

8/19

✓

-3

4504

8/9

8/19

✓

B501A1-95-1

4505

BBt x B433A2-6

possible male stink

7/31

8/11

4116

-2

4506

possible

male stink

7/31

8/11

✓

-3

4507

possible

male stink

8/11

8/13

✓

B501A1-98-1

4508

BBt x B433A2-6

8/12

8/23

4119

¹⁵²
H.D. Full Ripe

19	B501A1-98-2	BBt x B433A2-6	8/12	8/23	4509	✓
	-3		8/13	8/23	4510	✓
36	B508A1-1	BBt x HO-10	8/9	8/19	4511	✓
	H.O. 2-3 (MS) C.O. 2 MS					
	-2		8/9	8/19	4512	✓
	H.O. 2 (MS) C.O. 2 (MS)					
	-3		8/9	8/19	4513	✓
	H.O. 2 (MS) C.O. 2 (MS)					
39	B508A1-4-1	BBt x HO-10	8/9	8/19	4514	✓
	H.O. 2 (MS) C.O. 2 (MS)					
	-2		8/9	8/19	4515	✓
	H.O. 2 (MS) C.O. 2 (MS)					
45	B508A1-11-1	BBt x HO-10	8/9	8/19	4516	✓
	H.O. 2 (MS) C.O. 2 (MS)					

cooked ~~to order~~

1st
HO Full Ripe

4517	B508A1-15-1	8/9	BBt x HO-10	4149
✓			H.O. - 2 (MS) C.O. - 3 (S)	
4518	-2	8/9	8/19	✓
✓			H.O. 2 (MS) C.O. 3 (S)	
4519	-3	8/9	8/19	✓
✓			H.O. - 2 (MS) C.O. - 3 (S)	
4520	Century PATNA 231, Check	7/25	8/6	cent
✓				
4521	B508A1-21-1	8/5	BBt x HO-10	4155
✓			H.O. - 2 (MS) C.O. - 3 (S)	
4522	-2	7/25	8/6	✓
✓			H.O. 2 (MS) C.O. 3 (S)	
4523	B508A1-25-1	7/29	BBt x HO-10	4159
✓			H.O. 2 (MS) C.O. 2-3 (MS)	
4524	-2	7/27	8/7	✓
✓			H.O. 2 (MS) H.O. 2 (MS)	

1st
HO Full Ripe

159	B508A1-25-3	BBt x HO-10	7/29 8/8	4525	✓
	HO-2 (MS)				
	CO-2 (MS)				
162	B508A1-34-1	BBt x HO-10	8/10 8/20	4526	✓
	HO-1 (R)				
	CO-2 (MR)				
	-2				
	8/11	8/21		4527	✓
	HO-1 (R)				
	CO-2 (MR)				
	-3				
	8/9	8/19		4528	✓
	HO-1 (R)				
	CO-2 (MR)				
170	B508A1-36-1	BBt x HO-10	7/28 8/7	4529	✓
	HO-1-2 (MR)				
	CO-3 (S)				
	-2				
	8/1	8/12		4530	✓
	HO-1-2 (MR)				
	CO-3 (S)				
	-3				
	7/28 8/7			4531	✓
	HO-1-2 (MR)				
	CO-3 (S)				
73	B508A1-39-1	BBt x HO-10	8/11 8/21	4532	
	HO-1-2 R				
	CO-1-2 MR				

4533	B508A1-39-2	BBT x HD-10	8/9	8/19	4173
✓	N.O. 1-2 (R)				
	P.O. 1-2 (MR)				
4534	-3	"	8/12	8/22	✓
✓	N.O. 1-2 (R)				
	P.O. 1-2 (MR)				
4535	B508A2-65-1	BBT x HD-10	8/9	8/19	4214
Nr	N.O. 1-2 (MR)				
	P.O. 2 (MS)				
	One or few lines without cooked modes				
4536	B508A2-73-1	BBT x HD-10	8/9	8/19	4220
✓	73.57				
	N.O. 1-2 (MR)				
	P.O. 2 (MS)				
4537	-2	"	8/3	8/14	✓
✓	N.O. 1-2 (MR)				
	P.O. 2 (MS)				
4538	-3	"	8/3	8/14	✓
✓	N.O. 1-2 (MR)				
	P.O. 2 (MS)				
4539	B508A2-79-1	BBT x HD-10	8/12	8/22	4223
✓	N.O. 1-2 (MR)				
	P.O. 2 (MS)				
4540	Bluebonnet 50, Check		8/9	8/19	BBT 50

1st

HD

Full Ripe

223 B508A2-79-2 BB+ x HD-10

8/12

8/22

4541

H.O. 1-2 (MP)

C.O. 1-2 (MP)

-3

8/9

8/19

4542

H.O. 1-2 (MP)

C.O. 1-2 (MS)

240 B508A2-96-1 BB+ x HD-10

8/16

4543

H.O. 1-2 MP

C.O. 2 MP

-2

8/16

4544

H.O. 1-2 MP

C.O. 1-2 MP

-3

8/16

4545

H.O. 1-2 MP

C.O. 2 MS

242 B508A2-97-1 BB+ x HD-10

8/11

8/12

4546

H.O. 2/3 MP

C.O. 4 S

-2

8/12

8/22

4547

H.O. 2 MP

C.O. 3 S

-3

8/16

4548

H.O. 2 MP

C.O. 3 S

1st
HO Full Ripe

4549	B508A2-100-1 B508A2-100-1 BBT x HO-10	7/31	8/11	4244
✓	N.O. 1-2 (P) P.O. 1-2 (P) -2		"	
4550		8/3	8/13	✓
✓	N.O. 1-2 (P) P.O. 2 (M P) -3		"	
4551		7/31	8/10	✓
✓	N.O. 1-2 (P) P.O. 3 S			
4552	B507A1-9-1 BBT x HO-12	8/9	8/19	4253
✓	N.O. - 1-2 P P.O. - 3 S			
4553	B507A1-24-1 BBT x HO-12	8/9	8/19	4268
✓	N.O. - 1-2 P P.O. - 2 M S			
4554	-2	8/7	8/17	✓
✓	N.O. - 1-2 P P.O. - 3 S			
4555	B507A1-29-1 BBT x HO-12	8/12	8/22	4273
✓	N.O. 1-2 P P.O. 2 M S			
4556	-2	8/15	"	✓
✓	N.O. 1-2 P P.O. 3 S			

1st
HA Full Ripe

284 B507A1-40-1 BBT x H0-12
8/12 8/22 4557 ✓

H0. - 1-2 (R)
C0. - 3 (S)

-2

8/10 8/20

4558 ✓

H0. - 1-2 (R)
C0. - 3 (S)

-3

8/9 8/19

4559 ✓

H0. - 1-2 R
C0. - 3 (S)

104 H0-341-1-1-1 TP x B3812A, Check
8/9 8/19 4560 ✓

287 B507A1-43-1 BBT x H0-12
8/11 8/21 4561 ✓

H0. 1-2 (R)
C0. 3 (S)

-2

8/14

4562 ✓

H0. 1-2 (R)
C0. 2 (MR)

-3

8/12 8/23

4563 ✓

H0. 1-2 (R)
C0. 2 (MR)

311 B507A1-58-1 BBT x H0-12
-58-1 8/3 8/14 4564 ✓

H0. 2 MR
C0. 3-4 (S)

13
110

Full Ripe

4565	B507A1-58-2	BBt x HO-12	8/2	8/13	4311
✓	N.O. 2 (MR) C.O. 3-4 (S)				
	-3			"	
4566		7/31	8/10		✓
✓	N.O. 2 MR C.O. 4 S				
4567	B507A1-64-1	BBt x HO-12	8/5	8/15	4317
✓	H.O. 1-2 (P) C.O. 2 MS				
	-2			"	
4568		8/16			✓
✓	H.O. 1-2 P C.O. 2 MS				
	-3			"	
4569		8/9	8/21		✓
✓	H.O. 1-2 P C.O. 2-3 (MS)				
4570	B507A1-101-1	BBt x HO-12	8/11	8/21	4354
✓	H.O. 1-2 P C.O. 4 S				
4571	B507A1-107-1	BBt x HO-12	8/5	8/15	4360
✓	H.O. 1-2 MR C.O. 4 (S)				
	-2			"	
4572		8/5	8/15		✓
✓	H.O. 1-2 P C.O. 3 S				

1st

HO Full Ripe

360	B507A1-107-3	BBT x HO-12	8/5	8/15	4573	✓
	HO - 1-2 MP					
	CD 2 (MS)					
383	B504A1-1-1	Z x B433A2-6	8/9	8/19	4574	✓
	-2		8/11	8/21	4575	✓
	-3		8/9	8/19	4576	✓
390	B504A1-8-1	Z x B433A2-6	8/5	8/16	4577	✓
	-2		8/3	8/13	4578	✓
	-3		8/5	8/16	4579	✓
Cent	Century PATNA 231, Check		7/21	7/31	4580	✓

1st
Full Ripe

4581	B504A1-15-1	2 x B433A2-6	8/8	8/19	4407
------	-------------	--------------	-----	------	------

4582	-2	7/22	8/1	"	✓
------	----	------	-----	---	---

4583	-3	7/24	8/3	"	✓
------	----	------	-----	---	---

4584	B504A1-27-1	2 x B433A2-6	7/20	7/30	4419
------	-------------	--------------	------	------	------

152
440

Full Ripe

4601	B504A1-27-2	2 x B433A2-6	7/20	7/30	4419
4602	-3	7/21	7/31"		✓
4603	B504A1-33-1	2 x B433A2-6	8/7	8/17	4425
	a good smooth long grain				
4604	-2	8/7	8/18	"	✓
4605	-3	8/7	8/18	"	✓
4606	B504A1-57-1	2 x B433A2-6	7/27	8/8	4453
	60.55				
4607	-2	7/27	8/8	"	✓
	20 this now CP 231				
4608	-3	7/28	8/8	"	✓
	Look like CP 231				

1st

H2

Full Ripe

484
B504A1-92-1 Z x B433A2-6 4609
7/26 8/5
487 Short shows sturdy
Semi erect panicle ✓

486
B504A1-94-1 Z x B433A2-6 4610
8/11 8/21
V. good Sm. Length not too tall ✓

-2 8/7 8/19 4611
✓

-3 8/16 4612
✓

487
B504A1-95-1 Z x B433A2-6 4613
7/28 8/9
✓

489
B504A1-97-1 Z x B433A2-6 4614
7/28 8/9
✓

508
B504A1-106-1 Z x B433A2-6 4615
8/14
✓

8/10 8/20 4616
✓

1st
40

Full Ripe

B504A1-106-3

2x B433A2-6

4617

8/12

8/23

4508

✓

B504A1-110-1

4618

70.0

7/28

8/8

"

4512

a v. good CP type now

✓

4619

-2

7/26

8/5

"

✓

Bluebonnet 50, Check

4620

8/10

8/20

BBt 50

B504A1-112-1

2x B433A2-6

4621

7/26

8/8

4514

-2

7/28

8/10

"

✓

Short above, med. green
Smooth

B502A2-1-1

BBt. x Cent.

4623

71.7

8/1

8/14

4518

Intermed Sh. H.

47

shorter than other 2 rows
rather light

84.0

field-2.0

2 1/2

46.0

4624

-2

8/9

8/19

"

48

sol. qual

pr

¹⁵⁸
H2 Full Ripe

B502A2-1-3	BBt x Cent	4625
518	8/3 8/13 Resist S.H. 45	NH
B502A2-2-1	BBt x Cent	4626
519 71.84	8/9 8/19 Highly R 49	✓
-2	8/9 8/19 51	4627
-3	8/11 8/21 47	4628
B502A2-6-1	BBt x Cent	4629
523 71.68 Prob. Segn.	7/31 8/10 unc 46	✓
-2	8/3 8/13 46	4630
-3	8/11 8/13 44	4631
B502A2-7-1	BBt x Cent	4632
524 71.80	8/9 8/19 Highly Resist 45	✓ NH

Sat. qual

158

HO

Full Ripe

B502A2-7-2

BBt x Cent

4633

71.80

8/9

8/19

4521

Succ to

C.O.

44

Set. qual.

-3

4634

8/11

8/21

4522

47

Nr

86.0

-0

3

24.5

B502A2-8-1

4635

71.2

8/7

8/17

4525

Resistant

44

Hv

short stem all gold

Some CO but less than green

good CP type

86.5

+1.5

2 1/2

27.0

-2

4636

8/15

46

Hv

Set. qual.

Tally than 4635

v. little S.O.

-3

90.0

+5.0

3 1/2

29.0

4637

8/15

44

Hv

roughly succ to C.O.

rather tall

B502A2-9-1

4638

71.2

8/9

8/20

4526

Resistant

47

Hv

~~84.0 2.0 3 30.0~~

-2

4639

8/12

8/22

47

Hv

HO-341-1-1-1

TP x B3812A, Check

4640

8/9

8/19

104

49

ck

Hv

¹⁵²
H2 Full Ripe

526	B502A2-9-3	BBt x Cent	8/3	8/15	46	4641	✓
528	B502A2-11-1	"	8/11	8/22	49	4642	✓
	71.36	Susc. & Interned					
✓	-2	"	8/3	8/14	42	4643	✓
✓	-3	"	8/1	8/13	43	4644	✓
533	B502A2-16-1	"	8/7	8/18	41	4645	✓
	69.6	Re-seg Interned					
		Short straw, sturdy,					
✓	-2	"	8/9	8/19	41	4646	✗
✓	-3	"	8/9	8/20	41	4647	✓
		greener straw than					✓
535	B502A2-18-1	"	8/9	8/19	43	4648	✓
	72.32	Susc.					

1st Full Ripe

4649	B502A2-18-2	72.32	8/9	8/19	BBt x Cent	40	4535
✓	Highly susc to C.O.	✓					
✓	✓	short straw					
4650	B502A2-18-3		8/9	8/19	"	40	✓
✓	Resistant to C.O. green leaves						
✓	✓	short straw					
4651	B502A2-19-1	75.12	8/12	8/22	"	43	4536
✓					Leop. Susc + Resist		
4652	-2		8/13	8/23	"	46	✓
✓							
4653	-3		8/12	8/22	"	46	✓
✓	Some allusion						
✓	✓	green straw			shorter than others		
4654	B502A2-19-1	69.42	8/12	8/22	BBt x Cent	44	4527
✓					susc.		prob 4537
✓							
4655	-2		8/9	8/21	"	44	✓
✓	Some allusion						
✓	✓				short straw		
4656	-3		8/9	8/19	"	47	✓
✓	Some allusion						
✓	✓	Taller than others					

152
H2 Full Ripe

B502A2-23-1 BBT x Cent
4540 72.60 8/9 8/19 43 4657 ✓
Seg. Succ. R.

-2 " ✓ some albumen 8/9 8/19 45 4658 ✓
v. sturdy straw, green straw than others

-3 " ✓ some albumen 8/9 8/19 46 4659 ✓

Century PATNA 231, Check 7/29 8/9 43 4660 ✓

B502A2-24-1 BBT x Cent 4541 some albumen 7/31 8/10 45 4661 ✓
69.40 Outer. - Succ Seg. Shortest straw, a v. good C P type

-2 " 7/31 8/10 42 4662 ✓

-3 " 7/31 8/10 47 4663 ✓

B502A2-28-1 4545 some albumen 8/5 8/15 46 4664 ✓
74.28 Succ. Hn

✓ nearly lat.

1st
HO

Full Ripe

4665	B502A2-28-2 74.28	8/9	BBT x Cent 8/19	46	4545
4666	-3	8/5	8/15	48	✓
	W gruer than other, v. good				
4667	B502A2-30-1 74.0	8/9	8/19	49	4547
	Some alums. Seg. Succ + R.				
4668	-2	8/9	8/19	47 seg	✓
	Some alums.				
4669	-3	8/9	8/19	48	✓
	Some alums.				
4670	B502A2-31-1 74.60	8/9	8/19	44	4548
	Succ.				
	Short, v. sturdy stem, good				
4671	-2	8/5	8/17	44	✓
	like 4670				
4672	-3	7/21	7/31	46	✓
	Taller than other				

1st
HD

Full Ripe

B502A2-32-1	BB+ x Cent				
1549 67.8	7/31 8/10				4673
Some all over	Succ.		44		✓
all are rather short stems - Green green rather long, fuller than G.P.	-2	8/1	8/12	"	4674
			39		✓
	-3	8/3	8/14	"	4675
			45		✓
	-4	8/1	8/12	"	4676
			41		✓
	-5	8/1	8/12	"	4677
			46		✓
	-6	8/1	8/12	"	4678
			43		✓
	-7	8/2	8/13	"	4679
			43		✓
Bluebonnet 50, Check					
50	8/9	8/19			4680
ch			49		✓

134
140 Full Ripe

4681	B502A2-32-8 67.80	8/1	BBt x Cent 8/11	44	4549
------	----------------------	-----	--------------------	----	------

4682	B502A2-36-1 74.20	8/5 Reset	8/15	50	4553
------	----------------------	--------------	------	----	------

4683	-2	8/2	8/13	48	✓
------	----	-----	------	----	---

4684	-3	8/2	8/13	50	✓
------	----	-----	------	----	---

¹⁵⁴
~~140~~ Full Ripe

B502A2-38-1		BBT x Cent			
4555	72.0	8/3	8/13		4701
		Seg. Enter + Succ.		45	✓
Photo taken same CO record.		-2	8/9	8/20	42
					4702
					✓
		-3	8/9	8/19	44
					4703
					✓
B502A2-39-1					
4556	72.92	7/31	8/10		4704
Equal grain shape		Seg. R + Succ.		44	<u>Hv</u>
		-2	7/31	8/10	42
					4705
					✓
		-3	8/1	8/12	45
					4706
					✓
B502A2-40-1		BBT x Cent			
4557	73.12	8/12	8/22		4707
		Seg. R + Succ.		42	✓
		-2	8/16		42
					4708
					✓

158

40

Full Ripe

4709	B502A2-40-3	BBT x Cent	8/12	8/22	45
✓					4557
4710	B502A2-43-1	"	8/12	8/22	44
✓	73.60	Segs R & S			4560
4711		"	8/9	8/19	44
✓					✓
4712		"	8/12	8/22	44
✓					✓
4713	B502A2-44-1	"	8/1	8/13	42
✓	72.12	Resistant			4561
4714		-2	7/28	8/10	44
✓					✓
4715		-3	7/31	8/11	43
✓					✓
4716	B502A2-45-1		8/12	8/22	46
✓	74.12	Segs R & S			4562

are v good CP type
 plant character is green
 more CO than CP

154
110 Full Ripe

562	B502A2-45-2	BBT x Cent	8/12	8/22	46	4717
✓	Pat. Toll	-3	8/11	8/21	47	4718
						✓
563	B502A2-46-1	BBT x Cent	8/10	8/20	44	4719
	72.0	Seg & Intermed				47
	good	clunky strain				green stone
04	H0-341-1-1-1,	TP x B3812A (Check)	8/10	8/20	43	4720
						✓
562	B502A2-46-7	BBT x Cent	8/9	8/19	46	4721
						✓
✓		-3	8/9	8/19	43	4722
						✓
565	B502A2-48-1	BBT x Cent	8/9	8/19	45	4723
	69.09	Seg Inter + S				45
						✓
✓		-2	8/11	8/22	46	4724
						✓

14
HD

Full Ripe

✓ 725	B502A2-48-3 69.09	8/11	BBT x Cent 8/21	47	4565
✓ 726	B502A2-50-1 69.06	8/9 Succ.	8/19	" 46	4567
✓ 727	-2	8/9	8/19	" 46	✓
✓ 728	-3	8/9	8/19	" 48	✓
✓ 729	B502A2-51-1 71.41	8/9 Seg. R + S	8/19	" 47	4568
✓ 730	-2	8/11	8/21	" 47	✓
✓ 731	7.02 -3	8/12	8/22	" 46	✓
✓ 732	B502A2-57-1 73.08	7/21 Seg. R + S	7/31	" 8/22 44	4574

007+

1st
40 Full Ripe

574	B502A2-57-2	BBT x Cent	7/26	8/5	44 seg	4733	✓
✓	-3		7/28	8/8	45	4734	✓
576	B502A2-59-1		7/31	8/11	44	4735	✓
	73.80	Seg. R & S					
✓	-2		8/11	8/22	45	4736	✓
✓	-3		8/11	8/22	45	4737	✓
577	B502A2-60-1		8/9	8/19	43	4738	✓
	70.80	Resist					
	84.0	-2	3.	30.0			
✓	-2		8/9	8/19	42	4739	✓
		C O Susc.					
ent	Century	PATNA 231, Check	7/29	8/10	42	4740	✓

1st
40 Full Ripe

B502A2-60-3

BBt x Cent

4741

8/9

8/19

44

4577

B502A2-61-1

68.00

"

4742

8/12

8/22

Seg. R-I, ↓ Suc

48

4578

B502A2-61-2

4743

8/11

8/21

"

47

✓

CO ++

4744

-3

8/9

8/19

"

42

✓

1hr CO result

B502A2-66-1

72.09

"

4745

8/16

Succ.

4/seg

4583

88.5 + 3.5

3 1/2

23.5

-2

8/16

40

✓

4746

89.0 + 4.0

3 1/2

30.5

4747

8/15

8/9 seg

8/

"

42 seg

✓

85.5 - 0.5

1 1/2

30.0

4748

B502A2-69-1

73.76

"

8/9

8/19

Seg. Succ & R

43

4586

✓

sol. qual

	B502A2-69-2	BBt x Cent		
✓	586 73.76	8/9	8/19	4749 ✓
	-3	"	43	
✓		8/14	"	4750 ✓ Nw
		"	42	
	B502A2-71-1	8/9	8/19	4751 ✓
	4588	Succ.	"	42
	-2	"	42	
✓		8/12	8/22	4752 ✓
		"	42	
	-3	"	43	4753 ✓
✓		8/9	8/19	
	B502A2-74-1	8/3	8/13	4754 ✓
	4601 69.76	Succ	"	43
	Succ to CO	"	43	
	-2	"	43	4755 ✓
✓		8/11	8/21	
	Coresect	"	43	
	V. good Cp types	"	43	Nw
	88.0 +1.5	3.0	27.0	
	-3	"	41	4756 ✓
✓		8/3	8/13	
	Succ to CO	"	41	

152
110

Full Ripe

4757	B502A2-76-1 70.2	8/5 Suse.	BBt x Cent 8/15	43	4603
4758	-2	8/7	8/17	44	✓
4759	-3	8/12	8/22	46	✓
4760	Bluebonnet 50, Check	8/12	8/22	46	BBt 50
4761	B502A2-77-1 69.93	8/5 Suse.	BBt x Cent 8/15	44	4604
4762	-2	8/5	8/15	45	✓
4763	-3	8/5	8/15	44	✓
4764	B502A2-78-1 72.36	8/5 Suse	8/15	43	4605

1st
HQ Full Ripe

B502A2-78-2	BBT x Cent	8/3	8/14	43	4765
✓	Tall	-3	8/12	8/22	43
B502A2-79-1		8/5	8/15	44	4767
✓	606 7/1, 3/1	Succ.			
		-2	8/9	8/19	44
	✓	-3	8/9	8/19	44
B502A2-84-1		8/12	8/22	47	4770
✓	6/11 70-09	Resist			
		-2	8/1	8/13	46
	✓	-3	8/12	8/23	46
	High 5 to 49 had leaf dying				

154
140

Full Ripe

4773	B502A2-85-1 69.75	BBT x Cent 8/3 8/13 Suse.	46	4612
4774	-2	8/1 8/12	45	✓
4775	-3	8/1 8/12	46	✓
4776	B502A2-86-1 70.8	8/3 8/14 Interned.	46	4613
4777	-2	8/9 8/19	46	✓
4778	-3	8/3 8/13	44	✓
4779	B502A2-91-1 71.02	8/9 8/19 Seg. Interned + S	45	4618
4780	-2	8/11 8/21	50	

Tootall

1st
4th Full Ripe

1618	B502A2-91-3	BB+ x Cent	8/3	8/13	48	4781
						✓
✓	-4		7/31	8/11	47	4782
						✓
623	B502A2-96-1					
	72.11	8/2	8/13			4783
	Seg R-S-I				45	✓
	87.5 + 1.5				37.0	✓
	Satisfy qual					✓
23	-2		7/31	8/10	46	4784
						✓

158

HD

Fuel Pipe

4801	B502A2-96-3 72.11	8/5	8/19	BBT x Cent 48	4623
4802	B502A2-97-1 70.49	8/3	8/16	90.5 + 4.5 (3 1/2 x 2 1/2) 29.5 Susce & R Segn 51	4624
4803	-2	8/4	8/16	" 51	✓
4804	-3	8/4	8/16	" 52	✓
4805	B502A2-98-1 68.27	8/4	8/16	" 48 Resist Zodun value = 35.0	4625
4806	B502A2-105-1 Tail	8/5	8/14	51	✓
4807	90.0 + 4.0	7/21	7/31	3	33.0
4808	B502A2-161-2	87.5	+3.5	—	18.5
4809	B502A2-99-1 69.43	7/21	7/31	" 50	4626
4810		Resist			

1st
110 Full Ripe

626	B502A2-99-2	8/3	BPT x Cent 8/15	51	4909 4809	Ar ✓
✓	-3	8/1	8/12	52	4810	✓
629	B502A2-102-1 71.68	8/8 Succ.	8/19	51	4811	✓
✓	-2	7/31	8/10	54	4812	✓
✓	-3	7/31	8/10	52	4813	✓
630	B502A2-103-1 71.68	7/23 Segn. R+ I	8/3	51	4814	✓
✓	-2	7/23	8/3	50	4815	✓
✓	-3	8/5 Resect to C/D	8/16	51	4816	Ar
	86.0	0	1	79.5		✓

1st
H.O. Full Ripe

4817	B502A2-105-1 69.96		BBt x Cent 7/29 8/11 Succ.	52	4632
4818		-2	7/23 8/3	52	✓
4819		-3	7/23 8/5	51	✓
4820	Century	DATNA 231, Check	7/20 7/30	50	Cent ck.
4821	B502A2-106-1 Am Rao highly R 71.16		BBt x Cent 7/24 8/5 Seg. R-I-S	52	4633
4822		-2	7/21 7/31	52	✓
4823		-3	7/24 8/5	52	✓
4824	B502A2-107-1 69.52		7/22 8/1 Succ.	52	4634

LSA

HD

Full Ripe

634	B502A2-107-2 69.52	7/20	BBt x Cent 7/30	52	4825	✓
	-3	7/19	7/30	8/19 52	4826	✓
635	B502A2-108-1 70.37	8/7 Susc.	8/17	52	4827	✓
	-2	8/7	8/17	52	4828	✓
	-3	8/7	8/17	52	4829	✓
637	B502A2-110-1 68.45	7/31 Susc	8/13	48	4830	hr
	-2	7/31	8/12	47	4831	✓
	-3	8/1	8/13	46	4832	✓

184
440

Full Ripe

B502A2-112-1		BBT x Cent			
4833		8/2	8/14	4639	
Mr		Resist	48		
	90.	+3.5	3+3	31.5	
	-2				
4834		7/31	8/15	48	✓
Mr					
	-3				
4835		8/2	8/15	48	✓
Mr					
	89.0	+1.0	2 1/2	28.0	
B502A2-113-1					
4836	71.6	8/3	8/15	4640	
Mr		Resist	51		
	91.5	+3.5	2 1/2	-	
	-2				
4837		8/5	8/15	52	✓
Mr					
	-3				
4838		8/3	8/16	51	✓
Mr					
	90.5	+4.0	2	-	
B502A2-114-1					
4839	69.92	8/7	8/17	4641	
Mr		Enter.	48		

slow ripening, like CP
Similar to 112, V. good

sat. qual.
C.O. resistant, slow
ripening, like CP, but
better than C.P.

Bluebonnet 50, Check

4840		8/14	52	BBT 50	
------	--	------	----	--------	--

158
110 Full Ripe

4641	B502A2-114-2 69.92	8/3	BBt x Cent 8/14	51	4841 ✓
✓	-3	8/3	8/14	49	4842 ✓
4644	B502A2-117-1	8/9	8/20 Resist	51	4843 ✓
✓	-2	8/9	8/20	52	4844 ✓
✓	-3	8/1	8/11	52	4845
4646	B502A2-119-1 70.8	8/5	8/15 Seg. R.I-S	50	4846 ✓
✓	-2	8/2	8/14	50	4847 ✓
✓	-3	8/10	8/20	50	4848 ✓

Lat. qual.

184
H20

Full Ripe

4849 ✓ B502A2-122-1 BBt x Cent
68.82 8/3 8/13 51 4649
I-R.

4850 ✓ -2 7/31 8/11 " 52 ✓

4851 ✓ -3 7/31 8/11 " 54 ✓

4852 ✓ B502A2-123-1
Highly Resistant 7/20 7/30 8/20 4650
52

4853 ✓ -2 7/20 7/30 8/20 ✓
53

4854 ✓ -3 7/20 7/30 8/20 ✓
50

4855 ✓ B502A2-131-1
72.84 7/31 8/11 " 4658
Resistant 55

4856 ✓ -2 8/2 8/14 " 55 ✓

158
HO Full Ripe

658 B502A2-131-3 8/2 BBT x Cent 8/14 4857

55 ✓

659 B502A2-132-1 7/29 8/11 4858

71.31

Segn I - S

54 ✓

-2

8/2 8/15 "

4859

54 ✓

04 HO-341-1-1-1 TP x B3812A Check 4860

7/28 8/10

54 ✓

659 B502A2-132-3 BBT x Cent 4861

7/29 8/10

55 ✓

61 B502A2-134-1 70.34 8/2 8/14 4862

Resist

52 Dr

-2

7/23 8/3 "

4863

51 Dr

-3

7/25 8/6 "

4864

48 Dr

152
440 Full Ripe

4865	B502A2-138-1 72.85	7/23 8/5 Succ.	BBT x Cent	4665
✓			48	
4866	-2	7/25 8/5	"	✓
✓			48	
4867	-3	7/23 8/5	"	✓
✓			46	
4868	B502A2-142-1 70.67	7/27 8/8 Segr. R-I	"	4669
✓			47	
4869	-2	8/3 8/14	"	✓
✓			46	
4870	-3	7/29 8/10	"	✓
✓			48	
4871	B502A2-144-1 69.37	8/12 8/22 Segr. R-II	"	4671
✓			47	
4872	-2	7/31 8/10	"	✓
✓			45	

^{1st}
11/2 Full Ripe

B502A2-144-3	BBT x Cent	7/31	8/10	44	4873	NW
B502A2-150-1		8/7	8/17	46	4874	✓
69.77	Segn R-S					
-2		8/7	8/17	47	4875	✓
-3		8/5	8/15	48	4876	✓
B502A2-154-1		7/26	8/5	51	4877	NW
70.37	Rearst Tallest					
-2		7/29	8/9	52	4878	NW
-3		7/26	8/9	52	4879	NW
Century PATNA 231, Check		7/21	7/31	48	4880	✓

all are too full
Sat. qual.

LS
HD

Full Ripe

4881	B502A2-156-1 70.69	8/7	BBT x Cent 8/17 Segs K-I-S	4682
✓			47	
4882	- 2	8/9	8/19	✓
✓			46	
4883	- 3	8/11	8/21	✓
✓			46	
4884	B502A2-158-1 71.87	8/3	8/14	4684
✓			46	
4885				
4886				
4887				
4888				

1st
HD Full Ripe

B502A2-158-2
71.87

BBT x Cent

8/9
2nter

8/19

51

4901

-3

8/9

8/19

9/10
50

4902

B502A2-160-1
61.05

8/9

8/19

Segn R-I

54

4903

-2

8/2

8/12

56

4904

-3

8/11

8/11

54

4905

B502A2-161-1
74.09

7/21

9/31

52

4906

Cent met, prob. Teller, gold bull 52

Succ - I (Segn)

-2

8/1

8/13

54

~~4907~~

BBT or later met V. tall
Tall but excellent grain shaped
better, consid slink

-3

8/1

8/11

53

~~4908~~

Entered met. tall

5008

hr

$\frac{1.5}{40}$ Full Ripe

✓	B502A2-165-1	BB4 x Cent			
✓	4909 72.66	7/31	54	4701	
✓	5009 late, v. tall, gold	Seg. I-R			
	-2	"			
✓	4910	7/31	8/11		✓
✓	v. little taller than gold	Cent	v. good	52	
	-3	"			
✓	4911	8/1	8/11		✓
✓	v. little taller than gold	Cent	v. good	49	
	B502A2-171-1	"			
✓	4912 71.64	8/9	8/19	52	4707
✓		Seg. I-S			
	-2	"			
✓	4913	8/9	8/19	53	✓
✓	late, BB4, lat.				
	-3	"			
✓	4914	8/9	8/19	53	✓
✓					
	B502A2-172-1	"			
✓	4915 70.29	8/5	8/15	50	4708
✓		Reant			
	-2	"			
✓	4916	8/2	8/12	51	✓
✓	late, BB4, lat.				

1st
Full Ripe

4708	B502A2-172-3	BBt x Cent	8/2	8/12	54	4917	✓
	prob. later than 4915116. green stream, Vigood.						
4714	B502A3-1-1	"	8/2	8/13	54	4918	✓
	70.32	Seg I - R					
✓	about BBt 50	-2	8/3	8/13	55	4919	✓
	Bluebonnet	50, Check	8/9	8/19	56	4920	✓
4714	B502A3-1-3	BBt x Cent	8/8		56	4921	✓
	most of the group. looked as BBt but are no taller than BBt 50 but most are taller than C.P.						
4715	B502A3-2-1	"	7/26	8/5	57	4922	✓
	71.54	Susc					
✓		-2	8/8	8/19	56	4923	✓
	as tall as BBt 50						
✓		-3	7/29	8/9	54	4924	✓
	prob C.P. ht.						

154
HD Full Ripe

4925	B502A3-16-1 70.26	BBT x Cent 7/23 seg	53	4729
	Seg. CP mat + earlier prob no taller than CP.			
	-2	Seg. Susc - I - R	"	
4926	8/7	8/17	52	✓
	BBT mat + earlier			
	-3	"	"	
4927	8/7	8/17	51	✓
	BBT mat + earlier			
4928	B502A3-18-1 72.13	8/7	8/17	4731
	Seg. R - I			
4929	-2	8/5	8/15	55
	Taller than BBT 50			
4930	-3	8/9	8/19	56
	Taller than BBT 50			
931	B502A3-28-1 71.12	7/21	7/31	4741
	Ant mat, prob sl taller, good			
	Seg. R - S - I			
932	-2	7/26	8/5	51
	Taller + later than 4931			

1st
Full Ripe

4741	B502A3-28-3	BBt x Cent	7/26 8/5	4933	✓
		Taller + later than	4931 51		
4745	B502A3-32-1	"	7/21 7/31	4934	✓
		Segr. Succ - R	56		
✓		-2	7/26 8/5	4935	✓
✓		-3	7/31 8/10	4936	✓
4748	B502A3-35-1	"	8/2 8/13	4937	✓
	73.16	Resist	56		
✓		-2	8/3 8/13	4938	✓
✓		-3	8/5 8/15	4939	✓
04 ck	H0-341-1-1-1	TP x B 3812A, Check	7/27 8/7	4940	✓
			59		

all v. tall, Taller than
BBt 50

all v. tall, Taller than
BBt 50

1st
No Full Ripe

4941	B502A3-37-1 70.01	7/31 Seg. R-I	BBT x Cent 8/11	51	4750
4942	-2	8/5	8/15	51	✓
4943	-3	7/31	8/12	52	✓
4944	B502A3-43-1 68.90	8/1 Seg. R-I	8/11	54	4756
4945	-2	8/1	8/11	54	✓
4946	-3	8/3	8/13	57	✓
947	B502A3-47-1 72.23	8/3	2/13	56	4760
948	-2	8/3	8/13	56	✓

BBT 50 lot

✓ prob BBT 50 lot

✓ Prob BBT 50 lot

✓ Taller than BBT 50

✓ Taller than BBT 50 Succ.

✓ Taller than BBT 50,

69
1/80

154
440 Full Ripe

760	B502A3-47-3	8/4	BBt x Cent	8/15	58	4949
	Taller than BBt 50					
764	B502A3-51-1	8/2	8/13	"	54	4950
	71.59	proh BBt 50	hit on taller			
		Susc				
	air tall rows					
	-2	7/31	8/11	"		4951
	Shorter than other 2	proh taller				
	than CP					
	87.5	+1.0	3.0	28.5		
	-3	8/3	8/13	"		4952
					55	
	Tall rows					
765	B502A3-52-1	8/7	BBt x Cent	8/17	56	4953
	72.24	Segs R-I				
	-2	8/9	8/19	"		4954
					56	
	-3	8/9	8/19	"		4955
					55	
766	B502A3-53-1	8/7	8/17	"		4956
	71.63	Reant			55	
	90.0	+3.5	3	32.0		

1st
HD

Full Ripe

4957	B502A3-53-2 71.63	8/7	BBT x Cent 8/17	56	<u>4766</u>
✓		86.5	0	3	38.5
4958	-3	8/9	8/19	57	✓
✓		85.5	-1.0	3	24.0
4959	B502A3-61-1 72.90	7/20 Sep. I - R	7/30	8/20 56	<u>4774</u>
4960	Century PATNA	7/19	7/29	8/19 53	Cent ck
4961	B502A3-61-2	8/1	BBT x Cent 8/11	53	4774
4962	-3	7/20	7/30	53	✓
4963	B512A3-63-1 71.05	8/3	8/13	50	4776
✓	Dr. An excellent CP type, green above no taller than CP. gold watch	Sep I - S			
4964	-2	8/5	8/15	51	✓

^{1st}
H20 Full Ripe

776	B502A3-63-3	BBt x Cent	8/3	8/13	52	4965	✓
780	B502A3-67-1		8/1	8/11	52	4966	✓
	74.79	Susc					
✓	-2		7/31	8/11	53	4967	✓
✓	-3		7/31	8/11	54	4968	✓
781	B502A3-68-1		7/21	7/31	50	4969	✓
	70.73	Susc.					
✓	-2		8/1	8/11	54	4970	✓
✓	-3		7/28	8/7	51	4971	✓
782	B502A3-69-1		8/3	8/14	53	4972	✓
	68.97	Resist					

152
440

Full Ripe

4973	B502A3-69-2	8/4	BBT x Cent 8/14	52	4782
4974	B502A3-73-1 71.05	8/4 Susce	8/14	52	4786
4975	-2	8/7	8/17	51	✓
4976	-3 V. Short straw, sturdy, May 50 Sham hulls, Watch ade	8/1	8/11	"	✓
4977	B502A3-76-1 70.66	8/1 Seg. 5-I	8/12	52	4789
4978	-2	8/3	8/13	53	✓
4979	-3	8/3	8/13	53	✓
4980	HO-341-1-1-1 TP x B3812A, Check	8/9	8/19	53	104 ck

1st
H0 Full Ripe

✓	B502A3-76-4	BBT x Cent		
✓	789 70.66	8/4 8/14	52	4981

	B502A3-78-1	"		
✓	801 73.09	8/4 8/14	50	4982
		Recist		Nr

✓	-2	"		
		8/2 8/13	50	4983
				Nr

✓	-3	"		
		7/29 8/9	49	4984
				Nr

V. good gold headed type

188
Hd Full Ripe

5001	B502A3-79-1 73.29	8/5	BBT x Cent 8/15 Succ.	52	4802		
5002	-2	8/9	8/19	52	✓		
5003	-3	8/7	8/17	53	✓		
5004	B502A3-82-1 71.60	8/5	8/15	51	4805		
5005	-2	8/7	8/17	31	✓		
5006	-3	8/7	8/17	31	✓		
5007	B502A3-89-1 70.44	7/29	8/9	42	4812		
5107	5607-08-09	7/22	8/1	44	✓		

all v. tall monthly late

are very tall

Sat. qual.

Segn R-S
Shorter than others

Taller than others

5607-08-09
Sat. qual.

1st
40

Full Ripe

4817	B502A3-89-3 70.44	8/7	BBt x Cent 8/17	48	5009 5109 Hv	
4818	B502A3-95-1 73.12	8/1	8/11 Susc.	55	5010 ✓	
✓	v. tall, gold	-2	8/11	8/21	55	5011 ✓
✓		-3	8/3	8/13	53	5012 ✓
4819	B502A3-96-1 70.12 mostly tall	7/31	8/10 some short plants Susc	51	5013 Hv ✓	
✓	v. tall	-2	7/31	8/10	53	5014 ✓
✓	mostly v. tall	-3	7/31	8/10	52	5015 ✓
4820	B502A3-97-1 72.72	8/3	8/13 Resist	53	5016 ✓	
	Thick grain, good seed study, but type sturdy stem					

1st
4th

Full Ripe

5017	B502A3-97-2 72.72	8/1	BBt x Cent 8/12	54	4820
✓	V. tall, BBt mod.	-3			
5018		8/1	8/11	56	✓
✓					
5019	B502A3-100-1 71.85	8/3	8/13	52	4823
✓	v. tall	Resist			
5020	Century PATNA 231, Check	7/21	7/31	47	Cent ck
✓					
5021	B502A3-100-2	8/1	BBt x Cent 8/11	52	4823
✓					
5022		8/4	8/14	46	✓
Dr	82.5 - 1.5			2	\$42.0
5023	B502A3-103-1 71.07	7/28	8/8	51	4826
Dr	2 in. mud let	but taller than Cent.	Snoc.		
5024		8/7	8/17	54	
	V. tall,				

LSP
H20 Full Ripe

4826	B502A3-103-3 BB.72	BB+ x Cent 8/1 v. tall	8/12 55	5025 ✓
4829	B502A3-106-1 73.72	8/1 Resid	8/11 52	5026 ✓
✓	all later than Cent, gold, taller than Cent, v. good. Selected good	-2 8/3	8/13 52	5027 ✓
	83.0 -3	-5.0 8/1	1 1/2 8/11	\$49.5 5028 ✓
4831	B502A3-108-1 72.71	7/26 Seg. R-S	8/18 52	5029 ✓
✓	5030 and too tall, 5029 v. tall.	-2 7/21	7/31 8/21	5030 ✓
4832	B502A3-109-1 71.83	8/5 Succ.	8/15 56	5031 ✓
✓	as v. tall, 2 BBt must, one at earline gold tall, v. tall.	-2 8/3	8/13 57	5032 ✓

			1st HD	Free Ripe	
5033	✓	B502A3-109-3 71.88	8/1	BBT x Cent 8/11 53	4832
5034	✓	B502A3-115-1 71.88	8/3 Resist	8/13 " 54	4838
5035	✓	Cent mod solid, later ag. bulging mostly Bld late.	-2 7/29	8/9 " 51	✓
5036	✓		-3 8/5	8/15 " 52	✓
5037	✓	B502A3-118-1 73.66	8/3 Extreme succ. no hd	8/13 " 53	4841
5038	✓		-2 8/3	8/13 " 54	✓
5039	✓	all Bld ht, Cent mod solid, vigorous	-3 8/3	8/13 " 54	✓
5040	✓	Bluebonnet 50, Check CP 231	7/20	7/30 8/20 49	chk Cent Parent " Cent

1st

HD

Full Ripe

+847	B502A3-124-1	BBT x Cent 8/10 8/20	54	5041 ✓
✓	2 as light / inter- med. for mnt.	Seg. R-S	54	5042 ✓
✓	BBT ht. med. for mnt.	8/7 8/17	54	5043 HD ✓
+859	B502A3-131-1	8/1 8/11 Resist	55	5044 ✓
✓	1 tall intermed. med. between CP + BBT.	8/2 8/12	56	5045 ✓
✓	-3	8/2 8/13	54	5046
+862	B502A3-139-1	7/25 8/5 Seg. R-S	54	5047
✓	Ant. not shell color or tall as BBT.	7/26 8/5	54	5048

Leave Blank from 5053

128
H2 Full Ripe

5049	B502A3-139-3	BBt x Cent	7/22 8/1	52	4862
5050	B508A1-88-1	BBt x H0-10	8/7 8/17	54	4932
5051	-2	BBt. as tall BBt. shorter Result	8/7 8/17	55	✓
5052	-3	8/7 8/17	8/17	53	✓
light green color on 5/20					✓
5053	v. tall, round, green, except round grain type		65 8/18	1496	
5054	Prob. Honduras, v. tall -		62 8/18	1497	
5055	Like 5054, sl. greener, sl. longer grain than 5054		62 8/18	1498	
5056	Like Honduras (+ 5054)		62 8/18	1499	

597/12

Plant

1st 1
date 1/18

62

8/18

5057

1500

Like Honduras

50

5058

1501

Like Hond., fuzzy grain, straw
hull, white. Striped, long grain

58

9/18

5059

1502

much like Hond.

61

8/18

5060

1503

much like Hond.

61

8/18

5061

1504

Like Hond,

55

5062

1505

rice. grain, rough, overripe
straw hull

50

5063

1506

(Short grain bearded, pr)
very row beam

50

5064

1507

Jap type, fewer heads than
5063,

5065	43	508
only	Yap type, rough, bearded	Some lodging even tho overripe
5066	52	1509
	U. boy row, adv as long	yielding Yap.
5067	45	1510
45	Yap type, rough, bearded	fairly sturdy straw
5068	45	1511
	Yap type, rough, bearded	wk. straw
5069	47	1512
	Yap type, smooth, wk	straw, poor grain type
5070	50	1513
	Sh. grain, rough, wk	straw,
5071	51	1514
51	Sh. grain, rough, wk	straw,
5082	48	1515
440	Yap type, rough, much	lodging

184

42

Full

pl 11

detent

- 1516 Jap type, poor straw, 5073
beard, rough, lodging 4
- 1517 Jap type, rough, beard, 5074
wk. straw, lot of straw 48
- 1518 Jap type, poor straw 5075
beardless 52
- 1519 41 8/18 5076
Contains a tall late maturity
Rough for this, fairly stout straw
v. short heads, low yield 43
- 1520 Jap type, rough, beardless 5077
good straw, no lodging 44
- 1521 Jap type, rough, beardless 5078
med. sturdy straw, poor grain type 45
- 1522 Jap type, rough, beard 5079
wk straw 44
- 1523 Jap type, rough, beard 5080
poor straw, some poorly filled grains 45

5081 Jap type, rough headed, 152
 50 poor straw, empty grains

5082 Jap type, rough headed, 152
 46 poor straw, lodging

5083 Jap type, rough, tall, 152
 53 lodging

5084 Jap type, large grains, 152
 52 rough, headed, poor straw

~~5085~~

~~5086~~

~~5087~~

~~5088~~

194
142

Full Ripe

PF 162,096

1528

V short

7/1

Ho. 2/2 ✓

5101

Jap, good straw, uniform
Try for Texas

1529

48

9/4

8/30

5102

a very long Jap, V. good

48

530

7/13

8/20

41

8/30

5103

Typical Jap with much sterility

41

531

Jap type rough, beardless
good straw, poor grain type

5104

41

1532

45

Jap type, rough, beardless
fair straw type

5105

533

Jap type, rough, beardless
fair straw, poor grain

5106

41

1534

7/11

Ho 8/11

5107

Rather tall, light reddish glumes
short grain, no beard, Jap straw,
willow

5207

1535

7/11

Ho 8/11

5108

Red hulls, rough, short beards
rather tall, Jap straw, willow,
Jap short grain

5208

46
8

		1st Ht	F	Plant Ht, + date cut	
5109	short straw	7/14	120	8/18	1536
5209	early mat, <u>Jap. Watch</u>			45	
5110	Jap type, short straw				1537
H2					
5111	Jap type, short straw				1538
H1	some lodging				
5112	Jap type, short straw pub grain type				1539
H2					
5113	quite tall Jap, much sterility,			48 8/30 8/30	1540
H2					
5114	Good Jap, except sterility			42 9/2 8/30	1541
5115	pr plants like 5116			48 1/5 8/30	1542
5116	pr plants 40 ant early acct lodging, full pr			48 9/5 8/30	1543

1st
hd

Full Ripe

- | | | | |
|------|---|------|----|
| 1544 | 7ap type, poor straw | 5117 | 45 |
| 1545 | 7ap type, fair straw
poor grains | 5118 | 42 |
| 1546 | 7ap type, fair straw
much fungus giving poor
grain appearance | 5119 | 42 |
| 1547 | 7ap type, short straw
fairly sturdy straw | 5120 | 43 |
| 1548 | 7ap type, bearded,
short straw, fair
straw | 5121 | 43 |
| 1549 | 7ap type, rough, bearded
short straw, | 5122 | 42 |
| 1550 | 7ap type, poor straw | 5123 | 44 |
| 1551 | 7ap type, short poor
straw | 5124 | 39 |

	1st head	type	ht A	hau.	
5125			39	8/30	1557
39	Short strawed Jap with much sterility				
5126		7/12			1558
49	Jap type, poor straw				
5127					155
49	Jap type, poor straw				
5128					1555
44	Jap type, short straw, poor straw				
5129		7/6	Nu 8/2 ✓		1556
	Suet heads, not too well filled, v. short strawed Jap				
5130			44	8/30 8/30	1557
	Short strawed Jap with consid sterility				
5131		7/7	Nu 8/11		1558
39	Short grain, short straw, Jap				
5132		7/6	Nu 8/11		1559
41	Rather tall Jap, late mixture,				

	1st head	Repe	pl ht + har. date	
1560		8/30	45 8/29	5133 45
	Jap type with much sterility			
1561		8/30	42 8/30	5134 42
	Jap type with much sterility			
1562			7/12	5135
	Jap type, poor straw much sterility			
1563				5136 46
	Jap type, fairly good straw			
1564	7/13	8/18	44 8/30	5137 44
	Jap type with many heads poor.			
1565		Ho 8/18	46 8/18	5138
	Long yielding, Jap, rather tall standing O.H. <u>good</u>			
1566		7/13	42 Ho 8/11	5139
	med ht, Jap, v. clean for Ho, rather short heads			
1567			46	5140

- 5141 $\frac{7}{2}$ Hr 8/2³⁹ ✓ 1568
37 taller than others not as sturdy
a mixture
- 5142 8/30 45 8/30 1569
a good typical gap.
- 5143 48 1570
gap type, fair straw
poorly filled heads.
- 5144 8/30 40 8/30 1571
short straved, many poorly
filled heads, gap type, ~~straw~~
- 5145 48 1572
gap type, rough, beardless
- 5146 26 1573
dwarf row
- 5147 8/30 40 8/30 1574
40 short straved gap. fairly good
- 5148 8/30 43 8/30 1575
43 a good gap type not too tall,

1st
hd

Full Ripe

- 1576 34 5149
spread, small lobes, flat on
ground, gap type
- 1577 44 5150
gap type, stubby,
compact grain
- 1578 49 5151
8/30 8/30
sturdy, stemmed gap, heads rather
short, poor grain yield
- 1579 44 5152
gap type, poor grain
p.d. w/ straw
- 1580 51 5153
Tall, gap type, w/ straw,
- 1581 52 5154
8/30 8/30
a tall gap, leaning
- 1582 7/4 5155
fairly tall, purple culms, heads, 44
- 1583 44 5156
8/18
short, stemmed gap, rather short
heads,

1st
hd

Full Ripe.

- | 5157 | 49 | fairly good | tall gap | 8/30 | 49
8/30 | 1584 |
|------|----|---|----------|------|------------|------|
| 5158 | 46 | Purple hulls, short-grain
pr. heads, fairly good looking | | 8/30 | 48
8/30 | 1585 |
| 5159 | 50 | fairly good gap, rather | | 8/30 | 50
8/30 | 1586 |
| 5160 | 52 | tall gap | | 8/30 | 52
8/30 | 1587 |
| 5161 | 51 | v. tall headed gap | | 8/30 | 57
8/30 | 1588 |
| 5162 | 59 | v. tall headed gap, badly lodged. | | 8/30 | 58
8/30 | 1589 |
| 5163 | 67 | extremely tall, headed, med. grain
badly lodged when cut | | 9/7 | 67
8/30 | 1590 |
| 5164 | 50 | v. tall headed gap, lodged, straw
hulls | | 8/30 | 50
8/30 | 1591 |

1st
Hd

Full Ripe

1592 57
8/30 5165
V. Tall headed jwp, lodged
straw hulls, 57

1593 7/12 Hr 8/11 50
Red hulls, headless ~~that~~ 5166
short-grain, fairly tall 50

1594 7/14 Hr 8/18 48
V green strawed jwp, red hulls, 5167

1595 9/2 48
8/30 5168
Tapered jwp, straw hulls, 44
high yield.

1596 52
8/18, 5169

1597 54
5170
Tall red hulled jwp, wk straw

1598 7/6 Hr 8/11 50
5171
Tall, short grain, red hulls,
headed, v. wk. straw, badly
lodged, rough

1599 7/5 Hr 8/11 52
5172
much like 5171, also
lodged badly

- 158
440
- pl 1/4
+ 1/4
cut
- 5173 $\frac{7}{3}$ No 8/11 46 1600
much like 5171 ~~but~~ ~~very~~ ~~light~~
colored hulls, only reddish tinge,
beards, v. r. straw.
- 5174 $\frac{7}{3}$ No 8/11 48 1601
much like 5171 but hulls only
slight reddish tinge, bearded
v. r. straw.
- 5175 $\frac{7}{15}$ No 8/11 Ripe 8/16 53 1602
much like 5171 but later maturing,
+ sl taller, only slight reddish tinge
to hulls, Red beard, cut green all body
- 5176 $\frac{7}{7}$ No 8/11 49 1603
Like 5171, red hulls, tall, bearded.
lodged, gap grain.
- 5177 $\frac{7}{13}$ 59 8/18 1604
- 5178 55 (sl gr. 8/18) 1605
Tall for gap, v. clean for 160,
Heavy yield, leaning.
- 5179 56 (sl gr. 8/18) 1606
Tall for gap, red hulls, bearded,
Heavy yield.
- 5180 $\frac{7}{8}$ No 8/11 1607
much like 5171, tall, lodged,
red hulls, short grain, bearded

1st
Hd

Full Ripe

1608 much like 5171, tall, No 8/11, 5181
red hulls, lodged, bearded 54

1609 deep red hulls, 7/5 5182
~~Siberian~~ No 8/11 46

1610 No 8/11 7/5 5183
Brownish red hulls, beardless
shorter heads than 5171, et al,
very little lodging, short grain 35

1611 No 8/11 5183
rather short gap type,
gap straw, short heads poor yield,

54
8/31 8/30 57
a wk strawed med-gr type 5184

19
H

Full Ripe

5201

8/20

53

8/30

1612

Wk shaned headed gap, longer than average leaves

5202

8/20

56

8/30

1613

like 5201

203

7/7

Ha 8/11

1614

V. thin stems, wk straw, faulty tall, headed short - grain.

204

7/8

8/20

51

8/30

1615

like 5101

5205

7/11

Ha 8/18

1616

V. poor stand, Red hulled, headed, gap.

5206

7/8

Ha 8/18

1617

quite tall gap, leaving quite low grain yield

~~5207~~

50

Ha 8/18

1618

5307

Better wk straw, headed, gap

~~5208~~

7/12

49

Ha 8/18

1619

only one plant gap

5308

Red hulled gap all seed sent to Washington

$\frac{152}{114}$ Full Ripe

- 1620 6/29 ^{annu pi} 8/2 ✓ 5309
 Highly stink, erect heads 35
 long seeded fairly short
 possible tetraploid Row
- 1621 7/8 No 8/11 5210
 fairly short strawed gap, mostly
 headless, leaning willow 48
- 1622 8/20 8/30 5211
 good strawed gap 52
- 1623 8/30 8/30 5212
 wk strawed headed gap. 48
- 1624 6/29 No 8/2 5213
 many poorly filled heads 48
 fairly short strawed gap
- 1625 7/8 No 8/11 5214
 Tall willow weak straw, yellowish
 brown hulls, short heads, short
 grain, rough. 50
- 1626 8/20 8/30 5215
 v. poorly filled heads tall gap 46
- 1627 9/4 8/30 5216
 Tall headed gap, red heads,
 some red in hulls. 51

			Full Ripe	
5217		Hu 8/18	53	1628
	grain tall Jap. bearded, v. poorly filled;			
5218		8/25	46	1629
	Brown hulled Jap.			
5219		Hu 8/11	48	1630
	fairly tall, wiry straw, red beards, faint reddish color in hulls, short- grain rough.			
5220		Hu 8/12	50	1631
	tall, semi erect heads, poorly filled, short beards			
5221		Hu 8/11	42	1632
	med ht, wiry straw, purple hulls, short-grain, bearded; a straw hulled beardless Jap type seed. Row mostly pure			
5222		Hu 8/11	45	1633
	rather tall Jap. type, wk. straw, short-grain, mostly beardless, straw hulls			
5223		(Hu 8/11, ripe 8/9)	51	1634
	fairly tall, wk. straw, v. little N.O. med-grain, rough, straw hulls			
5224		Hu 8/12	46	1635
	Rather tall fine stemmed, pr stems, beards			

1st
Ed

Full Ripe

- | 1636 | short straw, short heads,
consider sterility | 40
Hr 8/18 | | | 5225 |
|------|---|------------------------|------|--------------|------|
| 1637 | medium, some heads,
leaning straw, Jap type | 47
Hr 8/18 | | | 5226 |
| 1638 | v. short strawed Jap | 31
8/30 | 8/30 | | 5227 |
| 1639 | Red hulled Jap, long | 48
8/30 | 9/4 | | 5228 |
| 1640 | Prof. Co. good yield, | 49
Hr 8/18 | 7/14 | study straw, | 5229 |
| 1641 | Rather tall, Jap, top awns, | 53
8/30 | 8/30 | | 5230 |
| 1642 | Rather tall Jap | 53 | | | 5231 |
| 1643 | rather tall, wk. straw, reddish
heads, short-grain rough | 52
Hr 8/11 ripe 9/6 | 7/3 | | 5232 |

1st
Hd

Full Ripe

- 5233 $\frac{7}{13}$ $\frac{43}{Hr 8/18}$ 1644
Tip across gap, fairly good type
- 5234 $\frac{49}{Hr 8/18}$ 1645
Fairly tall, pr beards, trace pr in hulls, small seeded gap
- 5235 $\frac{7}{2}$ $\frac{44}{(sl. green) Hr 8/11}$ 1646
Med. tall gap, leaning pr tip on straw hull, mostly hairless
- 5236 $\frac{7}{11}$ $\frac{46}{(sl. green) Hr 8/11}$ 1647
Rather tall, reddish brown hulls & beards, ink straw, short-grain, rough
- 5237 $\frac{58}{8/30}$ $\frac{8/30}{8/30}$ 1648
Like 5838
- 5238 $\frac{60}{8/30}$ $\frac{8/30}{8/30}$ 1649
V. tall bearded gap, badly lodged, reddish hulls, bearded
- 5239 $\frac{48}{7/6}$ $\frac{Hr 8/11}{Hr 8/11}$ 1650
Rather tall, ink straw, bearded, rough, short-grain
- 5240 $\frac{56}{Hr 8/18}$ 1651
Quite tall gap, light red beards, ink straw, fairly good yield

1st Full Ripe

1652 $\frac{7}{3}$ No 8/11 45 524175
 med. ht., rather ink straw, red heads,
 only faint red color in hulls, short-grain,
 rough.

1653 $\frac{7}{13}$ 42 5242
 Tilled very well, rather short
 strawed up, many poorly filled bds.

1654 $\frac{7}{7}$ 54 5243
 rather tall, short grain, 54
 bearded, poorly filled heads

1655 $\frac{7}{6}$ No 8/2 46 5244
 short, late maturing 46

1656 (sl. green, No 8/11) 51 5245
 rather tall, better than 5245,
 bearded, grayish brown to black hulls,
 med. grain, rough, bearded,

1657 $\frac{7}{3}$ No 8/11 52 5246
 fairly tall, grayish black hulls, 52
 bearded, med-grain, rough,
 v. ink straw

1658 48 5247
 poorly filled heads, wk. 4 of
 straw, lot of segregation
 Mar 8/30

1659 $\frac{7}{6}$ No 8/11 53 5248
 fairly tall, ink straw, dark hulls,
 (brown to black) med-grain, bearded (short)
 rough

148
4/10

Full Ripe

5249

7/8

Hu 8/11 46

1660

med. ht, gap type growth, short grain
rough, straw hulls, mostly bearded

5250

Hu 8/18 52

1661

Large culms/sturdy straw, wide
heads, red beards, full seeded gap

5251

7/3

Hu 8/11 ripe 8/8 47

1662

fairly tall, red hulls, rough bearded
short-grain, rather weak straw

5252

42

gap type, fair straw

1663

5253

47

short grain, poorly filled
heads, good straw

1664

Mar 8/30

5254

49

w.k. straw, red beards
fairly tall, rough

1665

Mar 8/30

5255

6/29

Hu 8/11, ripe 8/2 42

1666

fairly tall, weak joints, purple
heads, trace pr in hull. short-
med-grain, rough, v. poor yield

5256

42

short grain, rough,
poorly filled heads

1667

Mar. 8/30

~~18th~~ Full Ripe

- 1668 short grain, rough, 44 5257
poorly filled heads, sturdy
straw Har 8/30
- 1669 sht. grain, rough, 45 5258
late tillering, poorly
filled heads, fair straw
Har 8/30
- 1670 poor heads, rough 45 5259
straw fair, beardless
Har 8/30
- 1671 bearded, rough, straw 42 5260
good, sht. grain
Har 8/30
- 1672 wk straw, rough 46 5261
short grain, beardless
Har 8/30
- 1673 poorly filled heads, rough 45 5262
beardless, straw fair
Har 8/30
- 1674 40 5263
more erect stem, prob due to
poor yield, poorly filled hds
- 1675 42 5264
V. heavy short strawed Jap
leaving slightly, clean straw, well
filled heads, good to try if erect

182/
Hd. Full Ripe

- | | | | |
|------|---|---------------|------|
| 5265 | short, rough, beardless
medium straw type | 42
Hr 8/30 | 1676 |
| 5266 | 7/12 short grain, wk straw,
rough, some beards | 44
Hr 8/30 | 1677 |
| 5267 | 7/7 a fairly short stemmed jop. Hoz,
typical, mostly headless, straw
sligh. | 43
Hr 8/11 | 1678 |
| 5268 | 7/9 autolander, short stemmed jop,
pr. apic, v. hvy. yield,
grab at Brn | 43 | 1679 |
| 5269 | rough, beardless, late
tillering, med. straw | 43
Hr 8/30 | 1680 |
| 5270 | 7/9 v. hvy jop - | 42
Hr 8/18 | 1681 |
| 5271 | 43 sht. straw, sht grain,
rough, beardless | Hr 8/30 | 1682 |
| 5272 | 7/13 wk straw, short,
rough, beardless | 45
Hr 8/30 | 1683 |

1st
Hb Full Ripe

- 684 ^{7/11} Hb ⁴¹ 8/18 5273
a very long gap, leaning straw,
non spec. Watch,
- 685 ⁵⁰ Hb ⁵⁰ 8/18 5274
quite tall gap, short heads,
- 686 ⁴⁶ Hb ⁴⁶ 8/11 sl green 5275
rather tall, reddish yellow hulls,
beardless, short grain, rough.
rather weak straw
- 687 ⁴⁴ Hb ⁴⁴ 8/18 sl green 5276
purplish hulls gap, wk straw,
med-hay yield
- 688 ⁴³ Hb ⁴³ 8/18 5277
Very gap; ^{7/13}
- 689 ⁵¹ Hb ⁵¹ 8/30 5278
v. wk. straw, rough
some beards
- 690 ⁴⁹ Hb ⁴⁹ 8/30 5279
rough, late tillering,
wk. straw
- 691 ⁴⁸ Hb ⁴⁸ 8/11 sl. green 5280
Rather tall, leaning, short-gr., red hulls,
beardless, ^{7/13}

158/11 Full Ripe

- | | | | | |
|------|------|----|------|---|
| 5281 | 7/15 | 54 | 1692 | sangh, bearded, poor hds, very wk. straw |
| 5282 | 7/15 | 50 | 1693 | Bearded, non pri, fairly tall, clean straw, light green color, deep grain |
| 5283 | 7/14 | 45 | 1694 | Rather tall, good straw, fairly erect hds, beardless |
| 5284 | 7/5 | 42 | 1695 | med-ht, gap type, rather wk, straw, good grain yield, good short-grain type, very |

158/240

Full Ripe

1st / Hd Full Ripe

5301			50	1696
5302	rough, beardless, poorly headed, fair straw		44	1697
5303	smooth, bearded		Hv 8/30 46	1698
5304	rough, bearded, short gr. poorly headed		Hv 8/30 55	1699
5305	fairly tall, irregular straw red boards. faint reddish hulls short grain, rough	7/8	Hv 8/11	1700
5306	fairly tall, irreg. fl. pr hulls, short pr. heads, weak straw, short & med. grain, rough	7/6	Hv 8/11	1701
5307	no plants			1702
5408				
5408				
5308	full grained short grain, straw hulls, bearded, irreg. ht, very weak straw, broken over at nodes	7/7	Hv 8/11	1703

1st/4d. Full

Plant
Ht

- 704 No 8/11 5409
5309
Highly succ. to disease (H.O.P.)
V. little seed, much like 5308,
except, shorter + more disease succ.
- 705 53 long grain, straw hull 5310
w/ straw, tall
- 706 51 5311
c/hy 8/19
a good Zenith type
- 707 7/8 No 8/11 40 5312
med. ht, med to long grain, f.w.
type, a mixture, some with pr.
tips. Straw hull, rough good.
- 708 No 8/11 36 5313
much like 5312 but sl. shorter
straw and longer grain + all pr.
tips, straw hulls, rough.
- 709 7/7 No 8/12 42 5314
fairly tall, heads erect, poorly filled
- 710 7/8 No 8/11 45 5315
sl. green
much taller than 5312, med grain
short pr. heads, straw hulls,
rough
- 711 7/8 8/11 45 5316
fairly tall, full short - med grain
straw hulls bearded large
stems. This for 5317
- only 2 plants in 5316 short top, 2

	1st Hd	Full	plant Ht	
5317	7/12	No 8/11	45	1712
Similar to 5317, only many heads later.				
5318	7/11		42	1713
5319	6/30	No 8/2	39 ✓	1714
fairly short, most heads short + poorly filled, red heads				
5320	7/7	No 8/11	51	1715
much like 5317, v bad for entlonga on stems, faint orange color on hulls.				
5321	7/8		30	1716
Badly damaged, v. little seed set. badly broken over.				
5322			42	7/17
gap type, poor w/ straw				
5323			65	1718
Long grain, tall, edged poor grain				
5324			59	1719
rough, wk. straw, sh grain, very tall				
No 8/30				

18/11 Full Ripe

- 720 ^{7/12} 63 5325
rough, sh. gr, wk. straw
- 721 ^{Ho 8/30} 62 5326
tall, long grain, sterility, Pot of
- 1722 ⁴² 5327
family short med-grain ^{No 8/11}
- 1723 ⁵⁷ 5328
~~family short med-grain~~ ^{No 8/19}
v. tall, med-grain type wk
- 1724 ⁵⁴ 5329
a mix time of early & late plants
No early types, some late left. ^{No 8/19}
- 1725 ⁴⁰ 5330
short, sturdy straw
short grain
- 726 ⁵² 5331
gap type, tall, sh. gr
- 727 ⁴⁷ 5332
poor straw, med grain
poor grain

18/42 Full Ripe

- | | | | | |
|------|--|-------|-----------------------|------|
| 5333 | no plants | | | 1728 |
| 5334 | no plants | | | 1729 |
| 5335 | | 7 1/2 | No 8/11 ⁴⁶ | 1730 |
| 5336 | Jap type, fair straw
no bold grain, poor grain | | ⁴⁷ | 1731 |
| 5337 | Highly 5 to 10
grained top, light | 7 1/4 | No 8/19 ⁴⁵ | 1732 |
| 5338 | med. grain, hat top straw
type, rough | 7/6 | No 8/11 ⁴² | 1733 |
| 5339 | sl. leaning, a med-grain
type like Ep only shorter straw | 7/2 | No 8/11 ⁴¹ | 1734 |
| 5340 | cv. good short strawed foot
grain prob. fuller, earlier than foot | 7 1/4 | No 8/ ⁴⁷ | 1735 |

~~1st~~
40 Full Ripe

736 no plants 5341

737 ^{7/6} ⁴⁸ No 8/11 5342
full grained type short-med,
fairly long

738 ^{7/9} ⁴² No 8/11 5343
h. broad med-long grain
long straw but gap type
wavy

739 ^{7/11} ³⁵ No 8/11 5344
v short, sturdy straw
long grain full type
rough

740 ^{7/6} ³⁹ No 8/11 5345
a full grained med-gr. type
gap type straw

PI-168521

741 ^{High R to No, Sm med-long} ^{No 8/30} 5346
grain,

742 ^{7/5} ⁴⁶ 5347
fair gap rather tall
leaning

743 ⁴⁵ 5348
fair gap, rather tall
leaning

158/64 Full Ripe

5349

50

174

Tall, erect panicles
only four

5350

40

174

rather tall, gap stream, full
short grain

5351

37'

174

7/14 Hv 8/18
V. short stream, good yield

5352

45

174

7/14 Hv 8/18
Rather tall gap

5353

54

174

rough, bearded, long
grain, w/ straw

Hv. 8/30

5354

44

174

7/12 Hv 8/11
a long Zeyth type, rather
tall, good growth

5355

39

175

7/8 Hv 8/11
thin straggled gap, Red heads
reddish tinge to hulls

5356

39

175

7/7 Hv 8/11
like 5355

1st/11 Full Ripe

- 1752 $\frac{7}{5}$ Hu 8/2 44 5357
much like 5358
but later & more prod.
- 1753 $\frac{6}{30}$ Hu 8/2 42 5358
fairly tall fine stemmed
long heads, leafy poor, filled
- 1754 $\frac{7}{12}$ 49 5359
tall, med-grain, large stems
poor tillering, good growth
- 1755 no plants 5360
- 1756 45 5361
V. good gap type, W. Hwy, gold,
leaving stain, Watch
- 1757 46 5362
good gap type
- 1758 45 5363
one plant Hu 8/11
pr. tip med-gr
- 1759 $\frac{7}{12}$ Hu 8/11 46 5364
Producing broad long grain
good stem

13th Hd Full Ripe

5365

No 8/18 ⁵²

1760

5366

rough, purple tipped hulls
wk straw

No. 8/30

1761

5367

1762

5368

1763

didn't come up

5369

rough, dark hulls,
beardless, wk. straw, late
tillering evident

No 8/30

61

1764

5370

smooth, beardless, poor
heads, wk. straw
late tillering

No 8/30

57

1765

5371

smooth, beardless,
wk. straw

No 8/30

55

1766

5372

rough, some beards,
long green, wk straw

No 8/30

63

1767

1 1/2 Hd Full Ripe

- 1768 v. wk. straw, rough ⁶⁰ 5373
bearded, v. slim long grain
poorly headed ^{8/30}
- 1769 ^{7/1} ⁴⁴ ^{8/2} ✓ 5374
fully headed, fairly short,
wide leaves, wk straw.
- 1770 ^{7/2} ⁴³ ^{8/11} 5375
bearded short - med grain,
- 1771 ^{7/14} ⁴³ ^{8/18} 5376
a very poor top, not too
tall, unfri
- 1772 ⁵¹ ^{8/18} 5377
much like 5379 but less
but has v. slender long grain
check quality (Campbell)
- 1773 ⁵¹ ^{8/18} 5378
much like 5379 but sl. longer
grain, rough,
- 1774 ⁵² ^{8/18} 5379
rough
v. wk straw light green leaf color
wide leaves, sl grain Red seed coat
med-gr v. big yield, large culms
- 1775 ^{7/4} ⁴⁴ ^{8/2} ✓ 5380
v. early, fairly tall
wk straw, dark gold hulls

188/148

Plant
Ht.

5381

47

1776

v. weak stem, red-green
light green, rather light green
leaves.

5382

short rough grain,
beardless,

1777

40

Ht 8/30

5383

48

Ht 8/18

1778

5384

v. long green

55

1779

tips, v. tall, weak stem
Ht 8/11; cut a little green,

5385

5386

1st/4d Full Ripe

1780 One plant ^{8/30} 46 ^{8/30} 5401
 shed short grain

1781 ✓ w. k. straw, v long sh. grain,
 good quality ^{8/30} 56 ^{8/30} 5402
 Same for (was)

1782 One plant ³⁶ 5403
 NO SEED, Transplanted ^{11/5}

1783 Rough Long grain
 weak straw ⁴⁹ 5404
^{11/5}

1784 Rough med
 wk straw ⁵⁶ 5405
^{11/5}

1785 ^{about} same as 5405 ⁵⁶ 5406
 wk straw ^{11/5}

1786 ^{mostly BB med} ^{9/2} 49 4807
^{8/30} 5407
 v sturdy strawed chaff type
 Bulk sample from
 charged 1/24/55

1787 ^{mostly BB med} ⁴⁹ 4808
^{8/30} 5408
 on d. carbon
 charged 1/24/55

18/

Hd Full Ripe

4809

~~5409~~~~withered~~

44

178

stems hulls, about Cent mat or late
and lit, v. good

35

5410

7/8 Hd 8/12

178

Short sturdy stem, short grain,
stem hulls, rough.

37

5411

7/8 Hd 8/12

179

fuel short grain, orange-yellow hulls
seeded, v. early maturity
v. badly diseased, little seed production

40

5412

7/8 Hd 8/12

179

looks like Red Rice, only white
seed coat, wk stem, small
stems, wk stem

50

5413T

Yap type, heavy beard
rough, poor grain

179

48

5414

a thin stranded long sl. grain
type, wk stem rough, Hd 8/19

179

5415

No plants

179

55

5416

tall, yap type, sturdy
stem

179

18/4 Full Ripe

1796	53	5417	wk. straw, med. grain rough,
1797	41	5418	7/7 Hr 8/12 Sturdy strained full grained. med to short gr. rough. Very yield
1798	45	5419	Hr 8/19 looks like Cody
1799		5420	no plants
1800	48	5421	7/14 8/22 8/30 med-gr. rather tall but v. good straw, very heads.
1801	44	5422	7/9 Hr 8/13 Rather tall, med to short grain.
1802	51	5423	7/15 8/25 8/30 much like Remth for growth habit & appearance Red Seed Coat
1803	30	5424	7/7 8/30 8/30 v. short straw short grain may have been very early

18/ Hd Full Ripe

5425	7/16	34	1804
variable ht, gap grain, V poor yield rather tall types present, V. poor			
5426	7/16	31	1803
like 5427			
5427	7/16	30	1806
V. short straw, early mat, Uniform. gap type, low for Texas as V. Early short straws gap			
5428	7/16	36	1807
short straw & grain headed, poor yield			
5429		56	1808
V. tall gap, poor straw type			
5430		56	1809
gap type, tall, poor straw.			
5431		56	1810
gap type, tall, poor straw & 1 fair grain type			
5432		52	1811
gap type, poor straw & lodging, long, slim straw			

1st/11 Full Ripe

- | | | | | | |
|--|------|------|----|------|------|
| 1812 | 7/11 | 8/27 | 46 | 8/30 | 5433 |
| Bentled Jap, Reddish hulls. | | | | | |
| 1813 | | | 45 | | 5434 |
| much like 5433 but not as long | | | | | |
| 1814 | | 8/22 | 55 | 8/30 | 5435 |
| ink shaded long grain, type
much sterility | | | | | |
| 1815 | | | 52 | 8/30 | 5436 |
| Like 5435, much sterility | | | | | |
| 1816 | | 8/23 | 59 | 8/30 | 5437 |
| Like 5435, much sterility | | | | | |
| 1817 | | | 51 | 8/30 | 5438 |
| No 8/12 sl green
Tall, ink sham, v long yield, coarse,
heavily ribbed grain, | | | | | |
| 1818 | | | 43 | | 5439 |
| Jap type, fair grain
fair straw | | | | | |
| 1819 | | | 40 | | 5440 |
| Jap type, poor grain
fair straw | | | | | |

		$\frac{150}{161}$	Full	Ripe	
5441	dark stained long grain, good qual. v. slender-grain		$\frac{8}{30}$	53 $\frac{8}{30}$	182
5442	Like 5441		$\frac{8}{30}$	52 $\frac{8}{30}$	182
5443	no plants				182
5444	good jay type,		$\frac{8}{30}$	42 $\frac{8}{30}$	1823
5445	No but not recorded			42	1824
5446	only 2 plants	$\frac{7}{14}$	$\frac{1}{26}$	47 $\frac{8}{32}$	1825
5447	fairly tall for early jay, good yield	$\frac{7}{9}$	1/2 8/2	35 $\frac{7}{11}$	1826
5448	full graind short + med-gr		1/2 8/2	37	1827

18/10 Full Ripe

1828 1 $\frac{7}{2}$ Hn $\frac{8}{2}$ $\checkmark$ 27 5449
 V. short straw, well filled good
 now for V. early mat Jap

1829 $\frac{41}{9/2}$ $\frac{8}{30}$ 5450
 Slender Jap, pink color

1830 $\frac{38}{}$ short, rough, sturdy 5451
 straw; Jap type

1831 $\frac{29}{7/12}$ Hn $\frac{8}{12}$ 5452
 V. short stunted Jap

1832 $\frac{31}{7/9}$ Hn $\frac{8}{12}$ 5453
 V. short stunted Jap

1833 $\frac{32}{7/8}$ Hn $\frac{8}{12}$ 5454
 Short stunted Jap. not as
 good as previous rows.

1834 $\frac{26}{6/29}$ Hn $\frac{8}{12}$ 5455
 V. short, V. early
 short heads, poorly filled
 seeds, bad damage

1835 $\frac{27}{6/28}$ Hn $\frac{8}{12}$ 5456

5457	Low yielding Jap.	8/30	42 8/30	1836
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5458	Low yielding Jap.	8/30	50 8/30	1837
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5459	Early fair yield, heads too short	8/30	42 8/30	1838
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5460	Early fair yield head too short	8/30	42 8/30	1839
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5461	Broad med grain, pr. like fatima plant type much like Fort.		48	1840
------	---	--	----	------

5462	Extremely broad head large grain, short stem, green & sturdy good yield	7/13	39 Du 8/12	1841
------	---	------	---------------	------

5463	much like 5462	7/13	39	1842
------	----------------	------	----	------

5464	Rather tall, head short - grain waxy stem of Jap.	7/7	47	1843
------	---	-----	----	------

1844 Full Ripe

1844 $\frac{7}{2}$ Hr 8/2 5465
 Rather tall, red heads, green
 straw but mark

1845 $\frac{6}{30}$ v. early 8/30 5466
 Hr 2nd Crop 75-80 days.
 Extremely early type
 Short, med-gr, may be 8970

1846 $\frac{8}{30}$ 8/30 5467
 Tall, red strawed med-gr.
 poorly filled.

1847 $\frac{7}{2}$ Hr 8/2 5468
 Rather tall, leafy type broad leaf
 purple leaf, bold med-grain, pr
 grain type like 2nd

1848 $\frac{2}{9}$ Hr 8/2 5469
 much like 5468 but not
 purple leaf or glume tip, taller

1849 $\frac{7}{9}$ Hr 8/2 5470
 Rather tall, wiry green
 Red heads, bearded, short grain

1850 $\frac{6}{28}$ 8/28 5471
 v. early v short
 Hr. 2nd Crop on 8/28, like 8970 but
 Red seed coat

1851 $\frac{6}{28}$ 8/28 5472
 v. early v short
 Hr. 2nd Crop on 8/28
 much like 5471 but taller.

1 1/2
Hd

Ripe

46
late hr

5473

46
Hr 8 1/2 1852

good med-grain row, bold
short-grain. Very yield.

5474

7/9

Hr 8 1/2 31

1853

short straw, poorly filled
heads

5475

no plants to 1854

5476

Hr 8 1/2 41

1855

6/29 fairly tall
bearded, rather tall w. b. straw

5477

7/3

8/20

47

8/30

1856

Prob Fortuna

5478

long grain, tall, 57

1857

rough

5479

9/1

54

8/30

1858

a very good med-gr BK type

5480

7/4 tall, short

56

1859

grain, rough, poor straw
bearded

186

Ripe

49

1860

49

5481

tall, short grain, weak
straw, much lodging

1861

56

5482

5/11

1862

8/22

51

5483

v good Zenith type, except
sl. longer grain

1863

8/22

51

5484

smooth med-gr. v. good like
5483, except smooth

4626 No 5049

✓5431 - 12 pl	✓5360
✓5403 (2 pl)	✓5363 (1 pl)
✓5415 (1 w pl)	✓5367 (1 pl)
✓5400 - 3 pl	✓5369
✓5401 -	✓5475
✓5334 -	✓5446 (2 pl)
✓5332 - 1 pl	✓5447 (1 pl)
✓5331 - 3 pl	
✓5316 - 2 pl	
✓5308 - 2 pl	

Cefad - 20172

5478 m. d. tall on 720
5468 " " " " " " per sheet

atkins 5309 Disease Inc.
" 5321 no seed set

5346 Highly R to B.

5358 labeled
5357 probably

5446 change to 5487 ✓

5448 " " 5449 ✓
5454 " " 5455 ✓
5455 " " 5456 ✓

5465 right in book ✓

5473 to 70 ✓

1954
Book No. 3

5501-7284

U. S. DEPARTMENT OF AGRICULTURE
AGRICULTURAL RESEARCH ADMINISTRATION
BUREAU OF PLANT INDUSTRY, SOILS
AND AGRICULTURAL ENGINEERING

CEREAL CROPS AND DISEASES

AGRONOMIC NOTES

Crosses Made
IN 1954 - Page 99

2001 - 2684 1 2

2701 - 3384 2 4 IIII

3401 - 4084 3 6

4101 - 4784 4 8

4801 - 5484 5 10

5501 - 5842 6 11

2001 59

21 60

22 61

3 62

4 63

5 64

6 65

66

67

68

69

70

71

72

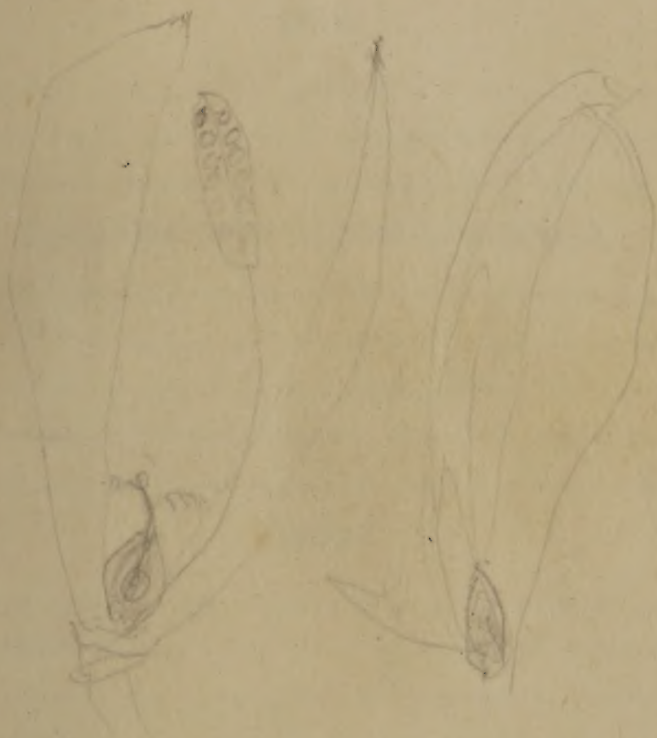
5901 - 6584

6601 - 7284

P

620 g will have pollen on 10/4

5901 starts breeding
nursery on east side
block 20
900 ^{quintals} per Cab.
30,000 per Acre



5053 - 5971

----- TEST OF -----, 19-----

CONDITIONS OF EXPERIMENT

PLOT

Location-----

Size-----

SOIL

Kind-----

Position-----

Previous crop-----

NAME AND CONDITION OF MACHINERY

Plow-----

Disk-----

Harrow-----

Seeder-----

SEED

Variety-----

Weight per bushel-----

Source-----

Treatment-----

SEED BED

Preparation :

1. -----

2. -----

3. -----

4. -----

5. -----

6. -----

SEEDING

Manner-----

Date-----

Rate-----

TEST OF _____, 19_____

CONDITIONS OF EXPERIMENT

PLOT

Location_____

Size_____

SOIL

Kind_____

Position_____

Previous crop_____

NAME AND CONDITION OF MACHINERY

Plow_____

Disk_____

Harrow_____

Seeder_____

SEED

Variety_____

Weight per bushel_____

Source_____

Treatment_____

SEED BED

Preparation :

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

SEEDING

Manner_____

Date_____

Rate_____

TEST OF _____, 19_____

CONDITIONS OF EXPERIMENT

PLOT

Location_____

Size_____

SOIL

Kind_____

Position_____

Previous crop_____

NAME AND CONDITION OF MACHINERY

Plow_____

Disk_____

Harrow_____

Seeder_____

SEED

Variety_____

Weight per bushel_____

Source_____

Treatment_____

SEED BED

Preparation :

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

SEEDING

Manner_____

Date_____

Rate_____

TEST OF _____, 19_____

CONDITIONS OF EXPERIMENT

PLOT

Location_____

Size_____

SOIL

Kind_____

Position_____

Previous crop_____

NAME AND CONDITION OF MACHINERY

Plow_____

Disk_____

Harrow_____

Seeder_____

SEED

Variety_____

Weight per bushel_____

Source_____

Treatment_____

SEED BED

Preparation:

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

SEEDING

Manner_____

Date_____

Rate_____

TEST OF _____, 19____

CONDITIONS OF EXPERIMENT

PLOT

Location_____

Size_____

SOIL

Kind_____

Position_____

Previous crop_____

NAME AND CONDITION OF MACHINERY

Plow_____

Disk_____

Harrow_____

Seeder_____

SEED

Variety_____

Weight per bushel_____

Source_____

Treatment_____

SEED BED

Preparation :

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

SEEDING

Manner_____

Date_____

Rate_____

TEST OF _____, 19_____

CONDITIONS OF EXPERIMENT

PLOT

Location_____

Size_____

SOIL

Kind_____

Position_____

Previous crop_____

NAME AND CONDITION OF MACHINERY

Plow_____

Disk_____

Harrow_____

Seeder_____

SEED

Variety_____

Weight per bushel_____

Source_____

Treatment_____

SEED BED

Preparation :

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

SEEDING

Manner_____

Date_____

Rate_____

TEST OF _____, 19_____

CONDITIONS OF EXPERIMENT

PLOT

Location_____

Size_____

SOIL

Kind_____

Position_____

Previous crop_____

NAME AND CONDITION OF MACHINERY

Plow_____

Disk_____

Harrow_____

Seeder_____

SEED

Variety_____

Weight per bushel_____

Source_____

Treatment_____

SEED BED

Preparation :

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

SEEDING

Manner_____

Date_____

Rate_____

TEST OF _____, 19____

CONDITIONS OF EXPERIMENT

PLOT

Location_____

Size_____

SOIL

Kind_____

Position_____

Previous crop_____

NAME AND CONDITION OF MACHINERY

Plow_____

Disk_____

Harrow_____

Seeder_____

SEED

Variety_____

Weight per bushel_____

Source_____

Treatment_____

SEED BED

Preparation :

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

SEEDING

Manner_____

Date_____

Rate_____

SAMPLE PAGE

VARIETAL TEST OF OATS, 1908

CONDITIONS OF EXPERIMENT

PLOT

Location.....Field H.
Size.....1/20 acre.

SOIL

Kind.....Prairie loam.
Position.....Somewhat rolling.
Previous crop.....Corn.

NAME AND CONDITION OF MACHINERY

Plow.....
Disk.....Osborn.....Sharp.
Harrow.....U Bar.....Good.
Seeder.....Monitor.....Good.
.....

SEED

Variety.....Variable.
Weight per bushel.....Variable.
Source.....Variable.
Treatment.....Fanned clean and treated for smut.

SEED BED

Preparation :

1. Disked (lapped half).....4-6-'08.
2. Disked (lapped half).....4-10-'08.
3. Harrowed.....4-10-'08.
4. Harrowed.....4-27-'08.
5. Seeded.....4-27-'08.
6. Harrowed.....4-27-'08.

SEEDING

Manner.....Drilled.
Date.....4-27-'08.
Rate.....3 bushels per acre by weight.

Leaf Blank to 5971

$1\frac{1}{5}$ Introduced from Adair			
5501	long grain rough, straw all down many tillers	63 $1\frac{1}{5}$	1864
5502	med. grain, rough straw, long awn partly standing	56 $1\frac{1}{5}$	1865
5503	long grain, rough, straw downy,	63 $1\frac{1}{5}$	1866
5504	short, rough, gold No seed due to plants fell in water	64	1867
5505	short, rough, snow red grain	60 $1\frac{1}{5}$	1868
5506	med. grain, straw rough, down	63 $1\frac{1}{5}$	1869
5507	Short straw gap type, sturdy straw rough	39	1870
5508	Looks like Cody, good	$1\frac{1}{2}$ 7/30 44	1871

1st

Full

Ripe

- 872 $\frac{7}{10}$ No 8/12 39 5509
Short stunted, uniform mat. gap,
small seeded, good type. Watch.
- 873 Short sturdy straw 40 5510
gap type, poorly filled grain
rough, bearded
- 874 $\frac{7}{12}$ No 8/12 38 5511
Taller than 5509, Heads not as
good,
- 875 tall wk straw 6 1/2 5512
long rough grain, bearded
- 876 tall, poor straw type 3 5513
long grain, rough, bearded
- 877 tall, wk straw 6 1/2 5514
lodging, long grain, rough
some beards
- 878 sturdy straw 51 5515
plump grain, med
grain
- 879 $\frac{7}{15}$ No 7/30 45 5516
sturdy stunted short grain, widely
leaves. not narrow but larger culms

1st
hd

Full

Ripe

- | 5517 | Har on 8/12, early long, w. grain mixture. (labeled 5517 E. Long) | 58 | | | 1880 |
|------|---|----|-----------|----------|------|
| 5518 | 20k straw, rough, med grain | 52 | Ripe 8/25 | | 1881 |
| 5519 | Badly lodged, w. straw, tall headed, med. n. rough | 57 | Ripe 8/25 | Har 8/30 | 1882 |
| 5520 | Sturdy straw smooth med-grain, rather long peduncle | 49 | Ripe 8/30 | Har 8/30 | 1883 |
| 5521 | Same as 5520 | 48 | Ripe 8/30 | Har 8/30 | 1884 |
| 5522 | Same as 5520 except long grain, easily threshed, v. good type | 49 | Ripe 7/30 | Har 8/30 | 1885 |
| 5523 | smooth, tall, long grain, fairly sturdy straw | 57 | | | 1886 |
| 5524 | rough, tall, fair straw long grain | | | | 1887 |

1st
Hd

Full

Ripe

- 888 rough long grain, wk straw ⁵³ 5525
- 889 similar to 5522, ripe ³⁰ _{11/30} 5526
long-grain type, v. good, sturdy straw
- 890 wk straw, long grain, ³¹ 5527
good grain type
- 891 rough, med. very late 5528
weak straw
- 892 rough med, long beard 5529
straw
- 893 ~~no plants~~ 5530
- 894 rough strong med. grain ³⁶ 5531
med length ^{red} straw
- 895 very late, in head 5532
g. h

1st
Hd

Full

Ripe

533 very late

✓
1896534 long grain rough
sturdy straw50
4/5✓
1897535 short grain
late✓
1898536 smooth, mid grain
sturdy straw

50

1899

537 long grain rough

✓
1900538 a mid. deep short grain
short sturdy straw42
11/8/30

1901

539 very late

✓
1902540 mix tall or seg. for
light short small
grain, per. also in glass

69

✓
1903

18
44

Full

Ripe

3

904 very late tall ✓ 5541

905 very late tall ✓ 5542

906 64 11/5 5543

907 Very Tall + Late ↑ 5544
Tree " " "

908 20 purple now 5545
" " "

909 " " " 5546

910 " " " 5547

911 " " " 5548

Transplanted

1st
112

Full Ripe

5548 Very Late & Tall 1912

5550 11 11 1913

5551 53
8/30 1914
Short-grain type, wide lines
Very good, sturdy straw

5552 51
8/30 1915
only a few plants, Long-grain, med, slender
sturdy straw

5553 52
8/30 8/30 1916
only a few plants, straw

5554 56
9/3 8/30 1917
Rather tall, smooth med-grain
straw hulls, v. sturdy straw but too tall
wide

5555 48
H 8/12 1918
Rather tall, bold med-gr type
v. sturdy straw, large culms
v. good

5556 59
11/5 1919

date p. h. t
ripe date/ha

4

1920	quite tall, smooth med-gr. gold hulls, sturdy straw type	55 8/30 8/30	5557
1921	Jap type, rough gr short spreading straw	40	5558
1922	fair straw, Jap type rough grain	50	5559
1923	Jap type, rough, fair straw		5560
1924	very good for yield, long grain full grain, smooth, straw hulls	56 8/30 8/30	5561
1925	sturdy straw, long smooth grain	50 11/5	5562
1926	much like 5563	53 8/30 8/30	5563
1927	gold hulls, full med-grain, rather tall but good straw smooth	52 8/30 8/30	5564

		1 1/2 Hd	Full	Ripe	
		1 1/2 Hd			
5565	5 ⁿ a smooth mid-grain leaning 3/30, gold		8/29	52 8/30 rather tall	1928
5566	Looks like CP 23,		up 8/30 V. good	48 8/30	1929
5567	tall, fair sturdy straw rough, bearded			57	1930
5568	erect heads, poorly filled, rather short stemmed	6/30	1/2 8/2 ✓		1931
5569	much like Zurich, except grain, V. good,		up 8/20 taller + larger	54 8/30	1932
5570	Rather short straw, sturdy bold grain, large 1/20 spots large stems, stiff straw	7/10	8/12	42	1933
5571	Trans. pl. de		Very Tall + Late		1934
5572			"	"	1935

1st
hd

Full

Ripe

1936	Tall & Late Transplanted			5573	
1937	Long-grain, rough, 9/2 gold, v. wk straw, tall	61 Hd 8/30		5574	
1938	medium Height Late			5575	
1939	Short grain or very wk straw bearded, rough, bad lodging	62		5576	
1940	Long slender grain wk straw, rough	55		5577	
1941	poor straw type, long rough bearded grain, much lodging			5578	
1942	wk straw, badly lodged, sl. grain straw hulls	55 7/30		5579	Grass at Base
1943	wk strawed long grain, straw hulls	54 8/30		5580	Grass at Base

1st
Hd

Full Ripe

5581 Bearded, Long, Slender 63 1944
rough

5582 Tall, Late 1945
Transplanted

5583 v. ink strands long grain, 52
gold hulls, v. slender, Bu 8/30 1944
Same for Bunt.

5584 poor straw lodging 64 1947
long rough grain

1st
Nd

Full Ripe

1948

7/20

55
7/30

5601

v. mk. straw long gl. grain,
rough, badly lodged,

1949

Tall & Late
transplanted

5602

"

1950

"

5603

1951

"

5604

1952

"

5605

1953

wk straw, med 7/4 (plus)
grain-type, much
lodging

5606

1954

8/30

53
8/30

5607

Ritter tall, smooth med-grain,
straw-husk, sturdy straw,

1955

8/20

54
8/30

5608

Zenith type, except sl. taller
& grain longer, rough

1st
hd

Full Ripe

- | 609 | Yap type, spreading
sturdy straw, rough | 41 | | 1956 | |
|-----|---|----|--|------|--|
| 610 | Yap type, fair straw
much sterility | 45 | | 1957 | |
| 611 | Yap type, fair straw,
sterility | 43 | | 1958 | |
| 612 | Yap type, rough,
fair straw, some
sterility | 43 | | 1959 | |
| 613 | Yap type, rough
old grain, some sterility | 44 | | 1960 | |
| 614 | Yap type, rough, sterility | 42 | | 1961 | |
| 615 | Yap type, tall, wk straw
rough | 50 | | 1962 | |
| 616 | Yap type, wk. straw
rough | 46 | | 1963 | |

1st
No

Full Ripe

- 964 45 gap type, fair straw 5617
some sterility
- 965 42 gap type, fair straw 5618
high headed, hi sterility
- 966 43 gap type, straw not 5619
good, rough sh. gr. some sterility
- 967 46 gap type, wk straw 5620
sterility
- 968 47 gap type, wk straw 5621
rough headed, sterility
- 969 43 gap type, rough 5622
fair straw, sterility
- 970 47 gap type, fair straw 5623
sterility
- 971 44 gap type, wk straw 5624
sterility

1st
4d

Full

Ripe

- | 5625 | Yap type, fair straw
some sterility | 45 | 1972 | | |
|------|--|----|------|--|--|
| 5626 | Yap type, fair
straw, little sterility | 47 | 1973 | | |
| 5627 | Yap type, wk straw | 46 | 1974 | | |
| 5628 | Yap type, fair straw
sterility | 45 | 1975 | | |
| 5629 | Yap type, rough
fair straw, hi
sterility | 45 | 1976 | | |
| 5630 | Yap type, wk straw
some sterility | 47 | 1977 | | |
| 5631 | Yap type fair straw
hi sterility | 42 | 1978 | | |
| 632 | Yap type poor
straw, sterility | 45 | 1979 | | |

1st
Hd

Full Ripe

8

- | 1980 | Jap, straw fair, some
sterility | 40 | 5633 | |
|------|---|--------------------------|------|--|
| 1981 | Jap, straw fair, | 42 | 5634 | |
| 1982 | Jap, straw fair
some sterility | 44 | 5635 | |
| 1983 | Jap, wk straw, hi
sterility | 42 | 5636 | |
| 1984 | Jap type, fair straw
sterility | 47 | 5637 | |
| 1985 | Jap type, sturdy
straw, some sterility | 39 | 5638 | |
| 1986 | Jap type, fair straw
some sterility | 41 | 5639 | |
| 1987 | V. short, fair
stained Jap | Hr 8 2/3
yield, green | 5640 | |

1st
4d Full Ripe

641	Yap type, wk straw some sterility	43	1988
642	Yap type, wk. spreading straw sterility	44	1989
643	Yap type, bearded, wk straw	51	1990
644	Yap type, spreading straw, wk straw	42	1991
645	Yap type, wk straw bearded	49	1992
646	Yap type, fair straw some sterility	44	1993
647	Yap type fair straw lot of sterility, some spreading of plants	42	1994
648	Yap type, wk straw some sterility	41	1995

1st
Hb

Full Ripe

1996	gap type, wk straw rough beardless	42	5649
1997	gap type, much sterility, wk straw	40	5650
1998	gap type, fair straw rough beardless	41	5651
1999	gap type, rough fair straw, hi sterility	43	5652
2000	gap type, fair spreading straw, some sterility	44	5653
2001	v. implanata sturdy, strawed gap, small grain pr. tips	Hb 8/2 34	5654
2002	gap type, good straw, very little sterility	40	5655
2003	gap type, straw fair, rough	38	5656

1st
Har

Full

Ripe

657 tall, gap type, 44 2004
sterility,

658 55 2005
8/20 8/30
S. Wright grain type & plant appearance,

659 54 2006
8/20 8/30
Broad med - grain, leaning out lot
but sturdy straw type, straw, rough.

660 54 2007
8/20 8/30
S. Wright grain type & appearance,
rough, straw.

661 56 2008
8/4 8/30
Rather lopsided for top, too tall, short-grain
w/ strong straw,

662 2009

663 2010

664 45 2011
gap type, wk straw,
sterility

1st Ed

Full Ripe

10

- ~~BSI 3636-6/1 Cent. Royal~~
 2012 39 5665
 gap type, sterility, sturdy straw
- ~~BSI 3636-6/2~~ " 45
 2013 5666
 gap type, wk straw
 hi sterility
- 45
 2014 5667
 gap type, fair straw
 some beards, hi sterility
- 41
 2015 5668
 gap type, fair straw
 bearded, hi sterility
- 45
 2016 5669
 gap type, weak straw
 hi sterility, beardless
- 41
 2017 5670
 gap type, fair straw
 hi sterility
- 42
 2018 5671
 gap type, fair straw,
 some sterility
- 46
 2019 5672
 gap type, wk straw
 some sterility

18
Hd

Full Ripe

5673	45. 8/30 8/30	2020
Short to med-grain, more leafy & less wilted than regular Jap.		
5674	36 7/13 Hd 8/12	2021
V. short, V sturdy straw, rather large stems. Outclawing straw type, rough Jap grain		
5675	38 Hd 8/12	2022
much like 5674		
5676	36 7/13 Hd 8/12	2023
much like 5674		
5677	47 8/30 8/30	2024
like row Short grain, more leafy than less wilting		
5678	36 7/13 Hd 8/12	2025
much like 5674		
5679	40 7/14 Hd 8/12	2026
much like 5674		
5680	43 7/5	2027
Taller than 5674, poor grain yield, weaker straw poorly filled		

1st
H2

Full Ripe

11

2028 ^{7/4} ⁴² ^{Hv 8/2} 5681
much like 5680

2029 ^{7/2} ³⁷ ^{Hv 8/2} 5682
fairly tall for early Jap, a med-gr.
green straw of Jap type

2037 ⁷⁰ 5683
tall, poor straw type
med. grain,

2038 ⁵³ ^{8/20} ^{8/30} 5684
L. weight grain type, rough, rather
leafy + tall, good straw, long.

1st
A12

Full Ripe

- | 5701 | v. wide leaves, looks like Tacson | 8/31 | 49
8/30 | 2034 | |
|------|---|------------|-----------------|------|--|
| 5702 | good straw, straw type, v. good, mtn. tall, sturdy, mid-gr. rough | 7/14, 8/12 | 45 | 2040 | |
| 5703 | fall, late transplanted | | | 2041 | |
| 5704 | long sh. grain, gold hulls, sh. neck straw | 8/12 | 45
sl. green | 2042 | |
| 5705 | short gr, gap type, rough bearded | | 43 | 2043 | |
| 5706 | looks like Zenith | | 51
8/30 | 2044 | |
| 5707 | | | | 2045 | |
| 5708 | a bearded (short) gap, few plants, v. long | 8/30 | 44
8/30 | 2046 | |

18
17
16

Full Ripe

2047

5708

2048

5710

2049

5711

2050

5712

2051

5713

2052

5714

2053

7/13

8/1

48

7/30

5715

Roths tall grass, good,

2054

49

5716

long, smooth, grain
sturdy straw

5717	gap type, short sturdy straw	38	2056
------	------------------------------	----	------

5718	gap type, wk straw much bolging	46	2056
------	---------------------------------	----	------

5719	gap type, fair straw	44	2057
------	----------------------	----	------

5720	gap type, fair straw	45	2058
------	----------------------	----	------

5721	gap type, short sturdy straw, some sterility	36	2059
------	--	----	------

5722			2060
------	--	--	------

5723			2061
------	--	--	------

5724			2062
------	--	--	------

1st
Hd

Full Ripe

2063					5725
2064					5726
2065					5727
2066			50 8/20 8/30	looks like a smooth Smith	5728
2067			45	long grain, sturdy straw, Cent type	5729
2068			54	tall smooth type good straw	5730
2069			58	tall, Yap type fair straw	5731
2070			47	Yap type, weak straw, bedding	5732

1st
44

Full Ripe

5733	Long, Smooth Sturdy Straw		46	2071
5734	Long smooth sturdy straw		45	2072
5735	sturdy straw smooth long grain. Patka type		49	2073
5736	like 5737, except taller. v. good	7/14	47	2074
5737	good long sl. grain, smooth, straw hulls, v. good	7/14 Hu 8/12	46	2075
5738	good gold hull, long sl. gr. type, smooth, good straw	7/13 Hu 8/12	45	2076
5739	Looks like Hill sel gold hulls	8/2 sent to Guatemala	46 2/30	2077
5740	Looks like Hill med sel, straw hulls.	8/30 8/30	46	2078

1st
Hd Full Ripe

- | | | | |
|------|--|-----------------|------|
| 2079 | similar to previous. Well mixed | 47
8/30 8/30 | 5741 |
| 2080 | Jap type, smooth
thorough straw | 41 | 5742 |
| 2081 | Cent. type, long smooth
grain. hi sterility | | 5743 |
| 2082 | Long smooth grain
stew bull | 43 | 5744 |
| 2083 | Long, smooth, sturdy
straw. Very large
grain | 52 | 5745 |
| 2084 | Long smooth, sturdy
straw | 47 | 5746 |
| 2085 | V. short straw, gold long sl. grain
smooth, v. good, sturdy straw | 36
Hd 1/2 | 5747 |
| 2086 | Long, smooth
sturdy straw | 47 | 5748 |

14
Hd Full Ripe

- | | | | |
|------|--|----|------|
| 5749 | Long, Bearded, smooth
weak straw
yet still standing | 56 | 2087 |
| 5750 | Long smooth
partly down | 47 | 2088 |
| 5751 | a long-grain, full, smooth, short stem,
heads rather erect & short, | 41 | 2089 |
| 5752 | fair straw, long grain | 51 | 2090 |
| 5753 | med grain, sturdy straw
smooth, | 47 | 2091 |
| 5754 | $\frac{3}{2}$ No 8/12
v. good, straw smooth, long sl. grain,
short sturdy straw, | 36 | 2092 |
| 5755 | long smgr sturdy
straw | 51 | 2093 |
| 5756 | Smooth med grain, good lit, much stink | 44 | 2094 |

2095	gold hull, good long smooth grain	57	5857
2096	Cent type, long smooth grain	50	5858
2097	Long, smooth sturdy straw golden hull	48	5859
2098	Jap type, smooth straw	42	5860
2099	Rough Jap weak straw	45	5861
2100	Rough Jap weak straw	47	5862
2101	Long smooth grain fair straw, Cent type for color	48	5863
2102	Long, smooth golden sturdy straw	47	5864

1st
1/16

Full Ripe

5765	long smooth grain, grainlike sunbanned	45	2103
5766	long grain, straw smooth,	51	2104
5767	Smooth Med. gold, sturdy straw	51	2105
5768	Jap type, rough, straw	47	2106
5769	Seg. plant let. short panicles, poorly filled, long sl. grain	42 No 8 1/2	2107 some gold
5770	Smooth med-grain, reddish rather large stems, V. big	42 No 8 1/2	2108 sl green straw
5771	A med-lark Jap. possibly	46 8/25 8/30	2109 Colusa
5772	a good Ant type	46 8/30 8/30	2110

- | | | | | |
|------|--|----------|------------|------|
| 2111 | short stem, many dead leaves, gold smooth, long sl. grain, poor panicles | Nov 8/12 | 42 | 5873 |
| 2112 | excellent Zenith type
v. large | Nov 8/12 | 44 | 5874 |
| 2113 | also
long grain type, more grain but shorter plant | 8/31 | 47
8/30 | 5875 |
| 2114 | med. gr. fair straw | | 50 | 5876 |
| 2115 | long grain, fair straw | | 49 | 5877 |
| 2116 | tall, smooth, long grain, good straw | | 53 | 5878 |
| 2117 | tall, long smooth grain, good straw | | 54 | 5879 |
| 2118 | Long, smooth, gold, sturdy straw | | 50 | 5880 |

$\frac{1\frac{1}{2}}{Hd}$

Full Ripe

5781 Long, smooth, gold sturdy straw in 51 2119

5782 V. good Cent type, heavy yield 8/12 43 2120

5783 a smooth med-gr. considerable sterility 8/20 48 8/30 2121

5784 a smooth med-gr. type, good, 8/20 49 8/30 2122

1st
Hd

Full

Ripe

2123	long smooth grain fair straw	48	5801
2124	long smooth grain fair straw	49	5802
2125	7/12 H+8/12 med-grain, rough, rather small stems, not too sturdy.	41	5803
2126	7/10 H+8/12 like 5803	41	5804
2127	7/13 H+8/12 like 5803	37	5805
2128	H+8/12 like 5803	40	5806
2129	7/11 H+8/12 like 5803	37	5807
2130	7/14 8/20 a short stemmed bearded Jay	41 8/30	5808

1st
Hd

Full Ripe

5809

8/30

47
8/30

2131

Smooth med-grain, fairly good straw

5810

8/25

49
8/30

2132

a smooth long-grain, good straw

5811

52

long gr. sm, straw fair 2133

5812

52

long gr. smooth,
straw fair

2134

5813

52

Smooth Med.
sturdy straw

2135

5814

53

Rough Med
fair straw

2136

5815

Long slender, gold sturdy^{4 1/2}
straw

2137

5816

46

Long, gold sturdy straw

2138

18
Ad

Full Ripe

18

2139	Long slender. gold, smooth	8/20	47 8/30	5817
2140	all are long slender types of Cord	7/15	43 8/30	5818
2141		8/20	43 8/30	5819
2142		8/20	44 8/30	5820
2143		8/20	44 8/30	5821
2144		8/20	43 8/30	5822
2145			42 8/30	5823
2146		8/4	47 8/30	5824

1st Hd Full Ripe

5825	long gr. sm gold hulls good straw	50	2147
5826	long gr. smooth gold hull, good straw	53	2148
5827	smooth gold hulls, long gr. large culms v. good straw (sturdy)	41 8/30	2149
5828	a short stemmed, smooth med-grain	42 8/30	2150
5829	smooth, gold hull straw fair, long gr	54	2151
5830	long gr. straw hull smooth, straw fair	53	2152
5831	long gr. straw hull smooth, straw fair	53	2153
5832	smooth med-grain, sturdy straw	46 8/31 8/30	2154

2155	much like 5832	8/30	48 8/30	5833
2156	tall, med gr. type, poor straw, rough		60	5834
2157	Looks like ma, tall, long gr. poor straw		63	5835
2158	Jap type, poor straw		43	5836
2159	smooth Long good straw		56	5837
2160	sturdy strimed Jap	8/30	45 8/30	5838
2161	Typical Jap straw + grain	9/2	43 8/30	5839
2162	long gr. rough, poor straw, looking			5840

1st
Hd

Full Ripe

5841

smooth, gold long of grain, large
culms v. good straw (sturdy)

fl 2 1/2

40

2163

5842

av good Antwerp type

43

2164

Full Ripe

CI No					
165			45	5901	
Early long slender grain	Hr 20/3	Ripe 9/20			
166	7/28	8/9	43	5902	
	smooth, good straw				
167	7/25	8/6	45	5903	
	smooth, long grain, some	late tillering,	Hr 8/30		
168	7/25	8/6	47	5904	
	smooth, long grain, sturdy	straw	Hr 8/30		
169		N	48	5905	
70	short, rough,		46	5906	
71	7/29	8/11	44	5907	
	short, rough, heterozygous	Hr 8/30			
72	8/11		44	5908	
	smooth, short grain,	wk. straw	Hr 9/3		

		18 Hd	Full	Ripe	
5909		7/28	8/10	47 Hr 8/30	2173
5910		8/8			2174
5911		8/8		49 Hr 10/3	2175
	V. good Kamrose type			45 Hr 10/3	
5912		8/14			2176
	good aikusa type			48 Hr 10/3	
5913		8/8			2177
	almost a Jap grain, Kamrose type growth			45 Hr 10/3	
5914		8/5			2178
	almost a Hond. for lengthier grain Kamrose strain			47 Hr 10/3	
5915		8/5			2179
	like 5914			48 Hr 10/3	
5916		8/8			2180
				47 good straw, some short	

18¹/₄
44

Full Ripe

181	8/5 rough, long gold grain, good straw	46 Hr 8/30	5917
182	8/7 good straw, gold slender grain	52 Hr 8/30	5918
183	8/5 long gold grain, straw fair, rough.	43 Hr 8/30	5919
184	8/9 a smooth job, Kamrose straw rather tall	48 Hr 10/3	5920
185	8/9 Like 5920	48 Hr 10/3	5921
186	8/9 Like 5920 except rough	48 Hr 10/3	5922
187	7/27 8/8 Shorter & earlier than 5922	46 Hr 10/3	5923
188	8/13 Like 5922	47 Hr 10/3	5924

		1st Hd	Full	Ripe	
5925		8/13			2189
	a smooth med-gr v. good	Hr 10/3		47	
5926		8/12			2190
	a rough jag grain, rather tall	Hr 10/3		50	
5927		8/10			2191
	a pr top rough jag rather tall			48	
5928	7/17	7/17	7/27	39 8/30	2192
	Early maturing, short gr. jag type. v. short stem, early mat.				
5929	7/18 -	7/18	7/28 8/30	41 8/30	2193
	much like 5928 but taller,				
5930		8/9			2194
	Rough med-gr. Compact hd Hr 10/3			45	
5931		8/9			2195
	a Calrose grain, jag stem Hr 10/3			45	
5932		8/11			2196
	Like Calrose, short Hr 10/3			45	

1st
Hd

Full Ripe

22

197 8/11 5933

Caloro type 46

198 8/12 5934

Caloro type

Nr 10/3

46

199 8/11 5935

Caloro type

Nr 10/3

47

200 8/11 5936

Caloro type

Nr 10/3

45

201 8/9 5937

Caloro type

Nr 10/3

44

202 8/9 5938

Caloro type

Nr 10/3

46

203 8/9 5939

Caloro type

Nr 10/3

46

204 8/9 5940

Caloro

Char grained

Nr 10/3

Jaff
grain shape & char 47

1 1/2
Hd

Full Ripe

5941	Caloro Type Hd 10/3	8/12	46	2205
5942	Caloro Type Hd 10/3	8/14	45	2206
5943	Caloro Type Hd 10/3	8/14	46	2207
5944	short-grain, Jap Type Hd 10/3	8/14	44	2208
5945	Jap grain + straw type Hd 10/3	8/12	46	2209
5946	med-gr, Jap grain Hd 10/3	8/9	49	2210
5947	med-gr Jap straw Hd 10/3	8/11	47	2211
5948	med-gr Caloro straw Hd 10/3	8/11	48	2212

184
440

Full Ripe

213	med. gr. gap straw	8/11		5949
			Hu 10/3 ⁴⁷	
214		8/11		5950
			Hu 10/3	47
215	Rather tall gap, rough	8/9		5951
			Hu 10/3	49
216	Med. gr. long pubescence, gap straw about Caloro lot in taller	8/7		5952
			Hu 10/3	49
217	Tall gap, rough	8/9		5953
			Hu 10/3	49
218	Tall gap, rough	8/5		5954
			Hu 10/3	49
219		8/11	8/11	5955
	Rough gap		Hu 10/3	47
220	Smooth Caloro	8/8		5956
			Hu 10/3	48

1st
Hr

Full Ripe

5957	8/10		222
Smooth Color	1 Hr 10/3	48	
5958	8/8		222
Smooth Color	1 Hr 10/3	46	
5959	8/8		222
Smooth Color	1 Hr 10/3	42	
5960	8/11		222
Smooth Color Type	1 Hr 10/3	46	
5961	8/9		222
a jap straw, med gr., rough	1 Hr 10/3	49	
5962	8/6		222
good straw		48	
smooth, long gold grain			
5963	8/9		222
yellow grain, smooth, indication of weak straw		47	
5964	8/11		222
Tall, smooth jap	1 Hr 10/3	46	

1st
Hd

Full Ripe

24

229 8/11 Tall straw, smooth gap 49 5965

230 8/8 Typical gap type, exact smooth. 43 5966
10/3

231 8/11 Typical gap type, except smooth 46 5967
10/3

232 typical gap type 8/10 46 5968
10/3

233 8/9 gap type, thin straw 47 5969
10/3

234 8/9 48 5970
10/3

235 7/27 8/7 rough, yellow grain 49 5971
straw fair
End of Antrod. from Aden

6/ C.I. 8906 Salt Tolerant 5972

19
Full Ripe

5973	CI-8906, Salt tolerant	336
5974	"	336
5975	CI-8906 H. brown	336
5976	"	✓
5977	"	✓
5978	CI-8906 Salt Tolerant, ✓	336
5979		✓
5980		✓

184
10

Full Ripe

382

CI. 8427

7/28	8/7	37	5981
short rough grain yellow			
short straw, straw beginning to grow			
	Hr	9/10	

37

7/25 8/6

5982

short rough grain yellow			
short straw, straw starting to weaken			
	Hr	9/10	

37

7/30 8/10

5983

"

"

"

37

7/28 8/7

5984

"

"

"

W

184
Hd

Full Ripe

PI-184, 675-X

6001 7/25 8/5 1/30 60 9/36 340

Panc

6002 7/25 8/5 ✓

6003 7/25 8/5 ✓

6004 7/25 8/5 ✓

Panc

6005 7/25 8/5 ✓

Panc

6006 7/25 8/5 ✓

Panc

PI-180, 177-X

6007 7/28 8/8 59 3410

Panc

6008 7/28 8/8 1/31 59 8/31 ✓

Panc

Later than 184, 675-X, standing better -
2 shorter, straw would be fairly stand
good seed set, very yield, large stems

1st
Hd

Full Ripe

4/10	PI-180,177-3	7/28	8/8		6009
					<u>Pan</u>
	70.0 - 8.0	3 1/2	16.0		
4/16	PI-180-178-4	7/26	8/5	48	6010
	Blue Rose grain & plant type				<u>Pan</u>
		-2	7/28	8/7	6011
		-3	7/26	8/5	6012
2/	PI-180,059	7/29	8/9	8/31	6013
	7/needle Rice ⁵²				<u>Pan</u>
		-2	7/29	8/9	6014
					<u>Pan</u>
		-3	7/29	8/9	6015
					<u>Pan</u>
		-4	7/29	8/9	6016
					<u>Pan</u>

sewing badly when cut, often still
green, slender - grain, straw neck,
fairly good grain yield,

1st Full Ripe

6017	PI-180, 059- 5	7/29	8/9	Needle Rice	3421
	<u>Pan</u>				
6018		to 7/29	8/9	"	✓
	<u>Pan</u>				
6019	PI-180, 061-f	7/20	7/30	90 day gold	3433
	7/21			8/15 (49. lit)	
	V. wk straw, med. gr.				
6020		2 7/20	7/30	"	✓
6021		3 7/20	7/30	"	✓
	V. This and only				
	<u>Pan</u>				
6022		4 7/20	7/30	"	✓
6023		5 7/20	7/30	"	✓
6024	7/20	6 7/20	7/30	"	✓

1st
HD

Full Ripe

2I-187,078 from Calif. (Thyrell) 6025
7/30 8/10

7/30 8/10 6026

7/30 8/10 45 8/30 6027
Hv

7/30 8/10 45 8/30 6028
Hv
Pan

7/30 8/10 8/30 6029
ripe 7/4
Pan

7/30 8/10 6030

3I9A1-12 from Calif. (Thyrell) 6031
7/27 8/6

7/27 8/6 6032

Are v. good for
Thyrell

15
Hd

Full Ripe

6033

4819A

-12

from Calif (Thyrell)

7/27

8/6

147

9/4

8/31

Pan

6034

7/27

8/6

9/4

43

8/31

✓

Pan

6035

7/27

8/6

43

✓

Pan

6036

7/27

8/6

43

✓

Pan

6037

Sent out by Adair to be increased PI-160525

Pan

6038

✓

Pan

6039

✓

Pan

6040

✓

Pan

Full Ripe

-160525

Pithier wide leaves, large
stems, v. sturdy, med-tall,

succ. to CO but slow drying back

almost a RN type. med long
gold buds, smooth, Ripe 10/3

Plant ht. 5' "

6041

Pan

6042

Pan

6043

Pan

6044

Pan

PI-184, 121-1

7/21

7/31

6045

-2

7/21

7/31

6046

-3

7/21

7/31 ^{2/31}49
2/31
stems

6047

fairly tall, large stems,
coarse med grassPan

-4

7/21

7/31

6048

184
H4

Full Ripe

PI-184, 121-~~8~~
6049 7/21 7/31 3439

~~16~~
6050 7/21 7/31 ✓

~~PI-184, 676a-1~~ ~~Draw~~
6051 8/4 8/14 61 3445
7/4 7/31

Very stems, profuse tillering, V tall,
Clean strong family box yield, clean for sale.

~~2~~
6052 8/4 8/14 ✓

~~3~~
6053 8/4 8/14 ✓

Pan

~~4~~
6054 8/4 8/14 ✓

~~5~~
6055 8/4 8/14 ✓

~~6~~
6056 8/4 8/14 ✓

not 184676a

Full Ripe

3450

Drum 65

6057

8/9	Stran	65	6057
rough, long yellow grain, bearded, weak straw			
		Hr 9/10	Para

Hz 9/10

Pam

-2-

8/9

11

6058

Pam

-3

8/9

18

6059

-4

8/9

1/

6060

-5

8/9

11

6061

Pan

- 6

8/9

11

6062

Post 96-2-1

3455

8/11

6063

-2

2/11

6064

1st
Hd

Full

Ripe

6065 ✓ *Dot 96-2-3*
3455

8/11

6066 ✓ -4

8/11

6067 ✓ -5

8/11

55

V. all, med gr, good looking, leafy

Pr
Pan
6068 ✓ -6

8/11

6069 ✓ *Dot 98-3-1*
3462

8/10

6070 ✓ -2

8/10

6071 ✓ -3

8/10

58

8/31

much like 67 etc.

Pr
Pan
6072 ✓ -4

8/10

1st
Hd

Full Ripe

Pot 98-3-5

8/10

3462 6073

-6

8/10

✓ 6074

Pot 100-1

8/7

3466 6075

-2

8/7

— 6076

-3

8/7

— 6077

bearded med. gr. mixture of hulls,
 straw & gold bearded, rub straw
 no value

for
Pan

-4

8/7

✓ 6078

-5

8/7

— 6079

-6

8/7

— 6080

1st
Hd

Full Ripe

6081 *Pot 99-3-1*
3475 8/11

6082 ✓ -2 8/11 50

Pan short rough grain,
weak straw

6083 ✓ -3 8/11

6084 ✓ -4 8/12 50
Pan short rough grain
weak straw

~~6083~~

~~6083~~

~~6083~~

~~6083~~

1st
1st

Full Ripe

Ripe 1st 1st
deluge

52

Pot 99-3-5

8/8

9/4

3425 6101

9/30

for
Pan

-6

8/8

6102

Q.I.-7338-3-1 Scented

8/13

3486 6103

-2

8/13

"

6104

-3

8/13

"

6105

-4

8/13

"

Ripe 9/4

40

8/31

6106

best steamed, hardest med gran
meat just above ridge. Slim lazy hands
every node Watch Pan

~~-5~~

8/13

~~"~~

6107

-6

8/13

"

6108

1st
Hd

Full Ripe

C.I. 7338-3-7

Scented

6109

3486

6110

-8

"

6111

-9

"

57

medium grain, gold, good
straw, smooth,

Ho 8/10

6112

-10

"

6113

-11

"

6114

-12

"

C.I. 8975-4-1

6115

3490

6116

-2

18
HH

Full Ripe

C.I. 8975-4-3

✓ 6117

-4

✓ 6118

-5

✓ 6119

-6

✓ 6120

C.I. 8150-1

7/24

5/1
8/3

3501 6121

Pan

-2

7/24

5/1
8/3

✓ 6122

Pan

-3

7/24

5/1
8/3

✓ 6123

Pan

C.I. 6018-3-1

7/26

8/6

352.0 6124

may want
charged
with 3507Pan

are not shared med long value
Ripe aug 25 cut Aug 31

1st
Hd

Full Ripe

6125 ✓ CI. 6018-3-2

Pan

7/26 8/6 8/28 8/31

6126 ✓ -3

Pan

7/26 8/6

6127 ✓ -4

Pan

7/26 8/6

6128 ✓ -5

Pan

7/26 8/6

6129 ✓ -6

Pan

7/26 8/6

5 PL- 183,331-1
6130 3507

Pan

7/26 8/6 5/

3507

6131 ✓ -2

Fin stemmed weak stoned variety,
v. slender not too long.

Pan

7/25 8/5 8/15 8/31

6132 ✓ -3

Pan

7/25 8/5

an height = 59" a good long slender - green
type, rather large culms! looked like back rather fast
good yielding

1st

Hd

Full Ripe

SPI-183,331-4

7/25

8/5

52

6133

Pan

-5

7/25

8/5

52

6134

Pan

-6

7/25

8/5

52

6135

C.I. 6037-1

7/25

8/5

3525

6136

-2

7/25

8/5

52

6137

-3

8/7

59

6138

long gold grain, rough, wk
straw, small stems Pan

-4

8/7

52

6139

-5

8/7

52

6140

18
24

Full Ripe

6141 ✓ CI 6037-6

8/7

6142 ✓ 3533 CI 8337-1

8/7

ripe 9/4

61
↑ 8/31

6143 ✓

8/7

- 2

Par

6144 ✓

8/11

- 3

6145 ✓

8/11

- 4

Par

6146 ✓

8/11

- 5

Par

6147 ✓

8/11

- 6

Par

6148 3536 CI-8983-2-1

Har 10/3, L. green when cut due to bad lodging

all
or to
st. it.
density
long-growing
very little
yield
all for 8/31

18/11

Full Ripe

C.I. 8983-2-2

Hm 10/3

8/11

H. green when cut

✓

plant bet 61-64

V. tall much shorter

similar to 8915

6149

Pan

-3

6150

Pan

Hm 10/3

-4

6151

-5

6152

-6

6153

C.I. 8915-1

3540

6154

-2

6155

-3

6156

Pan

plant bet = 61-64

154
44

Full Ripe

6157 ✓ CI. 8915-4

Pan

6158 ✓ -5

6159 ✓ -6
✓ late 3rd Rice, Ht=6'
1st 10/3 ripe 10/7
✓ tall ✓ ✓ badly lodged
narrow leaves, green, no CO, sl. grain

Pan

5 PI-169,468, 1 Rogue 56
8/14

Pan

smooth, long grain,
good straw, gold
12 9/10

6161 ✓ -2 Rogue 55
8/14

smooth, long grain
good straw, gold
12 9/10

6162 ✓ -3
8/14

6163 ✓ -4
8/14

6164 ✓ -5
8/14

18
14

Full Ripe

SPI-160,468-6

8/14 Rogue

6165

SPI-160,904-1 (T-1462) 3550 6166

8/9

-2

8/9

"

6167

-3

8/9

"

54

6168

rough, purple hulled,
sm. stems, wk. straw
Hw 9/10 Pan

-4

8/9

"

53

6169

rough, purple hulled
small stems, wk. straw
Hw 9/10 Pan

-5

8/9

"

6170

-6

8/9

"

6171

SPI-160,904-2/

8/3

"

8/14

3552 6172

Pan

18
14

Full Ripe

6173 SPI-160,904-2-2 3552

8/3

(T-1462)

8/14

52
8/31

6174

✓

-3

8/3

8/14

"

6175

✓

-4

8/3

8/14

"

6176

✓

-5

8/3

8/14

"

6177

✓

-6

8/3

8/14

"

Pan

6178

SPI-160,904

8/14

356

6179

SPI-160,904-2-7

(T-1462)

6180

✓

-8

"

46

10/3

rough, short grain
spotted purple hull,
with straw

Pan

Bulked together

1/2 8/31

1st
Hd

Full Ripe

36

SPI-160,904-2-9

(T-1462)

8/14

45 6181

rough, short grain spotted
purple hull dk strale
Au 10/3 Pan

-10

8/14

"

6182

-11

8/14

"

6183

SPI-160,994-2-1(T-1540)

8/11

3562 6184

5PI-160,994-2-2 (T-1540) 52
6201 3562 8/11
Pan smooth short yellow
grain, long stem, wk straw
Hu 9/10

6202 ✓ -3 8/11 53
Pan smooth short yellow
grain long stem wk straw
Hu 9/10

6203 ✓ -4 8/8
"

6204 ✓ -5 8/11
"

6205 ✓ -6 8/7
"

5PI 161,004-3-1 (T 1550)
6206 3567

6207 ✓ -2
"

6208 ✓ -3
"

SPI 161,004-3-4 (T 1550)

6209

Pan

-5

"

6210

sl. immature when harvested

Hr
Pan

like CI-8915, wh straw

-6

"

6211

sl. immature when harvest.

Hr Pan
10/3

SPI 161,004 7-1

"

357/ 6212

-2

"

6213

-3

"

6214

-4

"

6215

-5

"

6216

Ripe 9/29 a Fortune Hr 10/3
pe except much filler

SPI 161,004-7-6

(T 1550)

6217 3571

3571

6218 3578 SPI-161,024-4-1 (T 1570)

8/8

3578

6219 ✓ -2
8/8

"

6220 ✓ -3
8/8

"

55

fan

rough yellow long
grain small stem
w/ straw Hh 7/10

6221 ✓ -4
8/8

"

56

very tall plant
this row

rough yellow long
grain small stem
w/ straw Hh 9/10

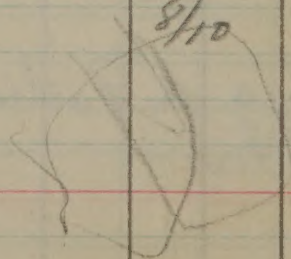
6222 ✓ -5
8/8

"

6223 3582 SPI-161,024-8-1 T
8/10

3582

6224 ✓ -2
8/10



SPI, 161, 024-8-3

53 6225

8/10
smooth, short purple Pan
spotted grain, small stems
Hm 8/10

-4

52 6226

8/10
smooth, short purple
spotted grain, small stems
Hm 9/10

-5

6227

8/10

-6

6228

8/10

87

Panama Pot 56
Rape 9/27, Like Fort but prot taller
Hm 10/3 ht = 62" Pan

Fortuna

3587 6229

8/9

6230

Pan

89

Panama
Pot 54
Looks like Tuna, ht = 61" Pan
Hm 10/3 Rape 9/25

3589 6231

6232

Fortuna (Cuba)

6233 3590
~~Pan~~ Typical Ind except possibly
 a little taller
 6234 ht = 62" Ripe 9/25 Wn 10/3

Pan

6235 PI 165,472 China 70
 3602

Pan

75" tall, Wn 10/3
 Ripe 9/30, purple seed
 glut. fr stems
 6236 PI 168,521

Pan

Smooth med-gr. green stem, small
 like Shoenel, Wn 8/11 Ripe 9/20
 3603

6237 PI 180,060 India
 8/4 8/14 9/10 3604
~~Pan~~ awkward long st gram- 50
 type,

6238 PI 180,176 Peru 8/31
 8/7 9/2 49 3605
~~Pan~~ Med-grain Red seed coat, BK stem
 type

6239 PI 181,975 Netherlands
 3606

6240 PI 181,976 Netherlands
 3607

PI 181,977 3608	Netherlands	6241
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PI 190,458 3610	India	6242
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PI 190,458	India	6243
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PI 190,458	India	6244
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PI 190,458	India	6245
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PI 190,458	India	6246
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PI 190,458	India	6247
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PI 190,458	India	6248
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6249	PI 190,458	India			
6250	PI 190,458	India			
6251	PI 190,458	India			
6252	PI 190,617	Africa	55		
<i>pan</i> a v. good Honduras grain type, pink short straw, rough, l. long Hu 8/9 9/4 3611					
6253	PI 190,624	Africa	60		
<i>pan</i> much like 190,617 but smooth, shorter grain and taller almost a med. grain Hu 8/8 9/4 3612					
6254	PI 193,153	Dutch Indies			
6255	PI 193,155	Dutch Indies			
6256	PI 193,175				

late Hu 11/22/54

PI 193,176 3617		6257
PI 193,177 3618		6258
PI 197,610 3619	India	6259
PI 197,610	India	6260
PI 197,610	India	6261
PI 197,610	India	6262
PI 197,610	India	6263
PI 197,610	India	6264

6265	PI 197,611	India	3620
6266	PI 197,611	India	✓
6267	PI 197,611	India	✓
6268	PI 197,611	India	✓
6269	PI 197,611	India	✓
6270	PI 197,611	India	✓
6271	PI 197,612 8/14	India	3621
6272	PI 197,613	India	3622

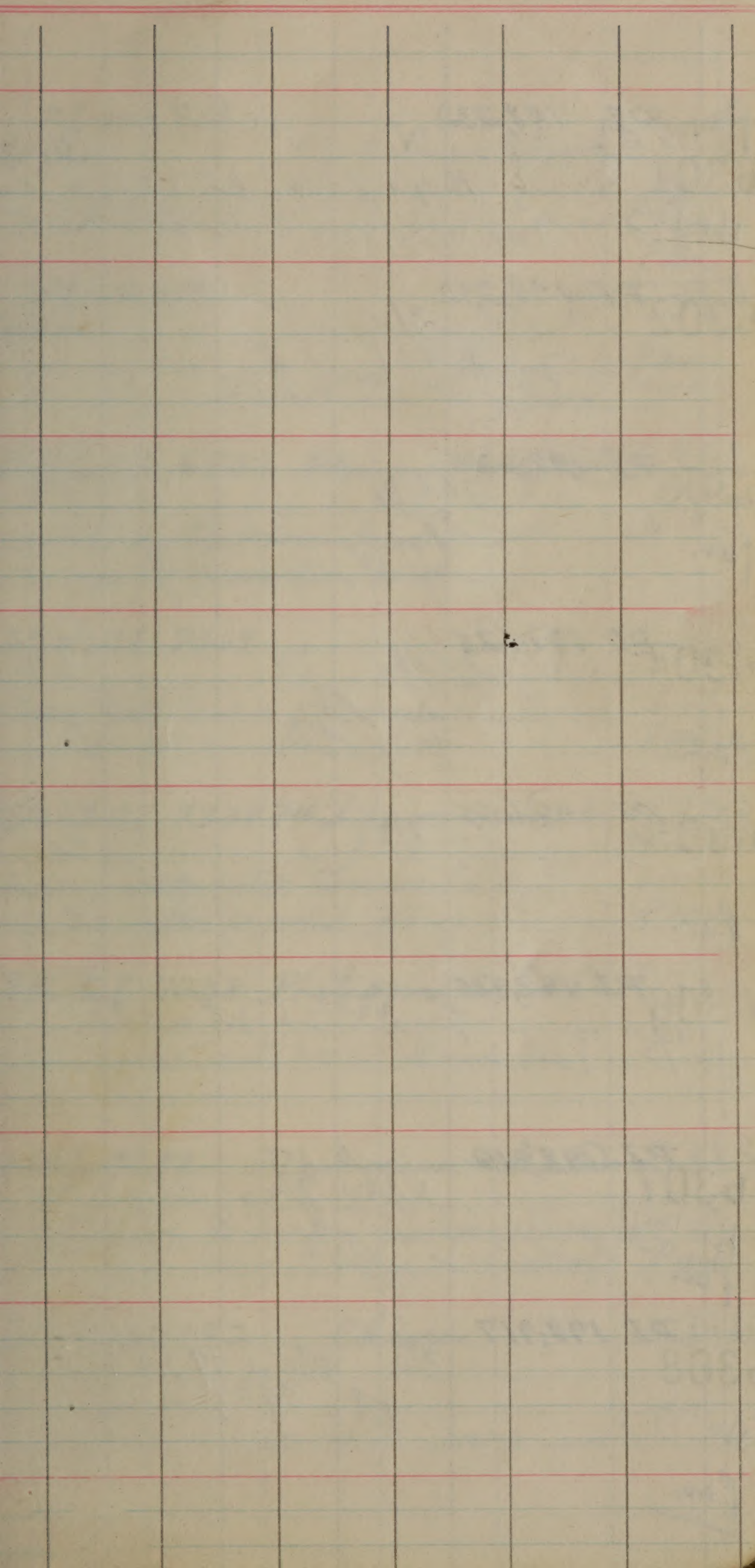
622	PI 197,613	India	Nr	6273
	PI 197,613	India	from appearance, 11/22/54	6274
	PI 197,613	India	a deep water rice from 2 rows	6275
	PI 197,613	India	many culms, Nr	6276
	PI 197,613	India		6277
623	Berlin	Coata, Rica		6278
	Nr 10/3, was sphenolone, ripe about 10/10, Ht = 72", green straw, narrow leaves			<u>Pan</u>
624	Palmyra #8		54	6279
	8/8	9/31	9/31	
	a very good Honduras type, rough long grain			<u>Pan</u>
	PI 198,134			6280
625	Nr 10/3	Ht = 45"		<u>Pan</u>
	Short erect heads, wide leaves, mid-gr, long culms, leafy. ripe 9/25.			

6281	PI 198,136	8/3	8/13/31	8/31	45	3626
Pan	Rough, short-grain, draw,		V	long	stem	sturdy

6282	PI 198,136	8/3	8/13		45	V
	Like 198,136					

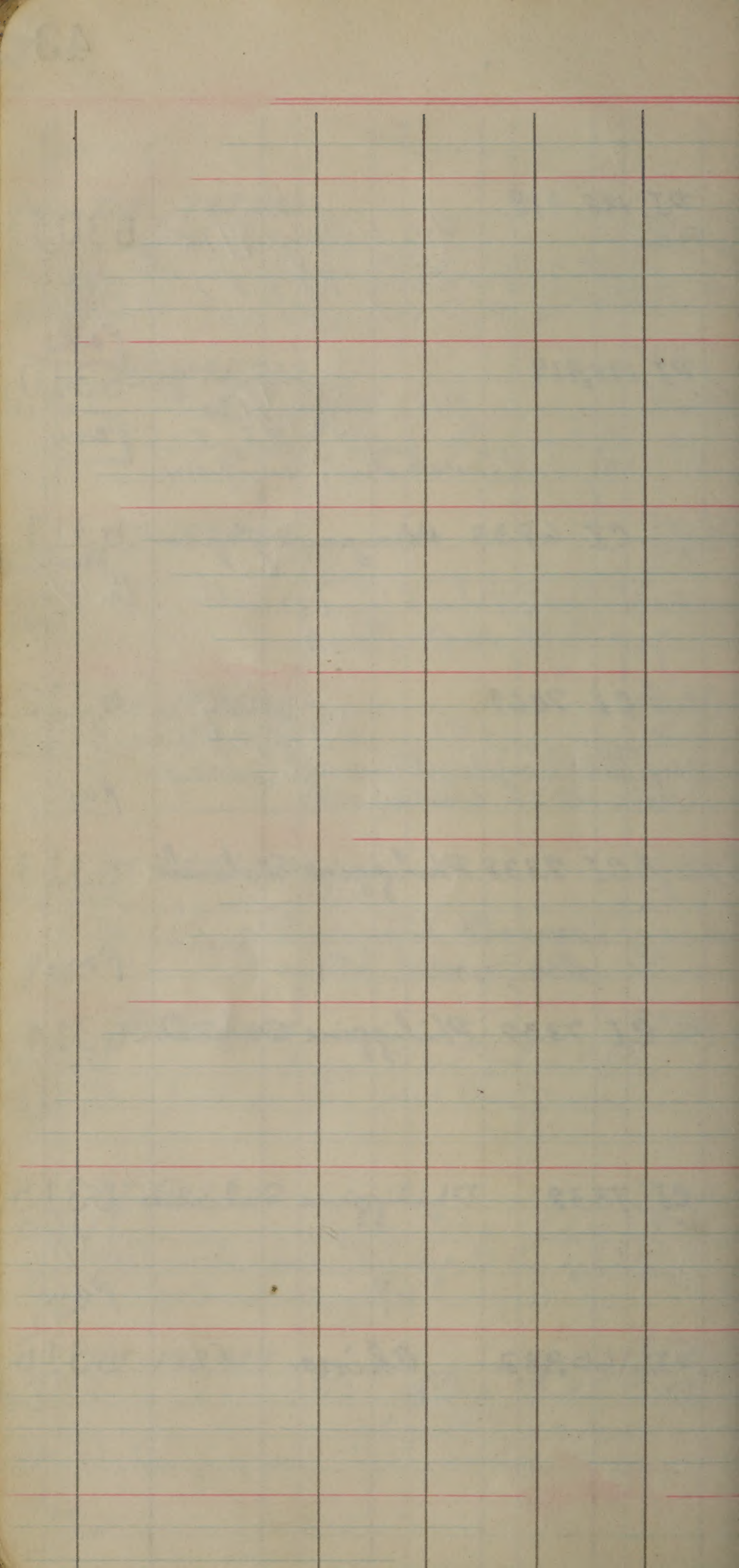
6283	PI 198,143					3627
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6284	PI 198,143					V
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Pan	PI 198,232	8/13	3628
6301	3	Ripe 9/20, ht 53"	
Hr 10/3	Too tall, no C, O, good row		
6302	PI 198,232	8/14	52 3629
	not like 6301		
6303	PI 198,624	8/11	3630 50
Pan	long, smooth, yellow grain good straw		
6304	PI 198,625	8/11	3631 47
(short grain)	smooth, short gold grain fair straw		
Pan			
6305	PI 198,625	8/11	3632 50
(long grain)	smooth long gold grain fair straw, slim straw		
Pan			
6306	PI 198,915	8/11	3633
Hr 10/3	Ripe 9/25, ht = 58" Tall smaller seed than mira		
6307	PI 198,916	8/11	3634
Hr 10/3	Ripe 9/30, ht = 54" wide leaves, R C O resistant fortune type		
Pan			
6308	PI 198,917	8/2	3635
Hr 10/3	Ripe 9/15 ht = 54", rough long grain, tall weak straw		
Pan			

PI 198,918	8/12	Ripe 9/15	6309
36			Nr
Tall, mk stem,	ht = 57"		$\frac{10}{3}$
			<u>Pan</u>
PI 198,919	8/10	Ripe 9/12	6310
37		Nr $\frac{10}{3}$	<u>Pan</u>
ht = 58"	Tall, mk stem, long pan		
685 CI 6833	Okayama Japan		6311
Tall Jap	ht = 51" Too Tall		Nr $\frac{10}{3}$
Jap type	ripe 9/26		
690 CI 7069	8/1	8/11 $\frac{8}{25}$ 5/1	6312
good tillering mid-gran,	rough, lodged	badly	
rather small stems,			<u>Pan</u>
707 CI 7338	Philippine Islands		6313
smooth long gold grain,	fair		
straw, med. stem			<u>Pan</u>
CI 7338	Philippine Islands		6314
CI 7338	Philippine Islands		6315
ht = 53"	2nd seeded? large stems	Nr $\frac{10}{3}$	
Ripe 9/24			<u>Pan</u>
PI 160,982	China	5/1	6316
3802	8/8		



6317 PI 160,989 China
7/20 7/30

380

6318 PI 160,989 China 45
Pan 7/19 7/30 8/21 8/31

✓

V. mk stem, small stem, short stem
good teller's, rapid opening

6319 PI 160,989
7/18 7/28

✓

6320 PI 180,061 India 42
7/12 7/22 8/15 8/31 3811
Prob 90-day gold

6321 PI 183,331 India 47
Pan 7/25 8/5/20 8/31 3812
Q.R. for Campbell
Soup Co.
Take 6322

6322 PI 183,331 India 47
7/25 8/5/20 8/31 ✓
Long sl. grain, mk stem, small stem
contains a bit of mixture (short sl. grain)
Sample of Red Saved

6323 B43B47-4, NXR 5013

6324 "

5014

6325

PI-160, 494

6326

ht = 43", a good Jap, ripe 9/28; pan
 no shrubbery, one of best for yield
Watch

6327

8/1

8/11

6328

8/1

8/11⁵⁴/₂₀

8/31

6329

Produce tillering, spreading (not long) tall &
 heads hanging, v. small seed, large culms

PI-160, 511

8/1

8/11

6330

Pan

6331

PI-160, 537

6332

ht = 49"; ripe 9/27; Tael
 shamed Jap, no value

Pan

6333

PI-160, ~~537~~⁵³⁷

513

Pan

6334

533

PI-160, 731

6335

8/12 nyc 9/15 ✓
 Nr 10/3, ht = 55". leafy, & lenticular
 Pan had rapidly than soft & weak

6336

✓

6337

544

6338

PI 160, 799

Pan

ht = 42"

nyc 7/25

Nr 10/3

Sage type, like 6341

✓

6339

✓

6340

547

47	PI- 160,820	6341
	HT- 4 1/2" upsl 9/25	Pan
	fairly good top, reasonably short	He
	straw, green straw	Nov 19/3
✓		6342
54		6343
	8/7	
✓	PI- 160,840	51 6344
	8/9 9/1	8/31 Pan
		He
✓		6345
	8/9	
006		6346
	8/12	
	R	
✓		6347
	Ripe 9/18, v mk straw	
✓	PI- 161,056	6348
	8/12	Pan
	Ripe 9/18 HT- 54	Nov 19/3

Badly mixed down the
hardness typical Bearded
Red + purple hulled types

Weak straw lodged 8/18.

6343

624

6350

PI-161,039

10/3
Hr
Pan

Ripe 9/26

V. badly lodged early

✓
1

6351

~~PI-161,563~~~~Pan~~

✓

6352

PI-161,563

Pan

8/8

9/4

55

8/31

626

Hr like 6353

6353

Pan

8/8

9/4

55

8/31

✓

Hr V. good Honduras type, just sturdier
stems, large culms, long grain

6354

8/9

✓

6355

7/17

7/27

8/12

76

648

6356

PI-162,096

36

7/17

7/27

8/12

✓

Hr Bad for L
Pan Small suited for, rough, erect leaves,
sturdy stems, poor grain yield

8	7/18	7/28	36	6357	
6				6353	
	PI- 162, 107			6359	
	ht = 45" npx 9/26, Too tall, rather poorly filled.			Pan	
				6360	
8		8/10		6361	
	PI- 162, 222			6362	
	Like 6365, Ripe 8/10 9/25, ht 36"			ht 14 1/2	
	green straw, 1/2 clear grain			Pan	
	Reasonably easy to thresh				
	P	8/10		6363	
				ht 10 1/2	
				Pan	
87		8/10		6364	
				ht 10 1/2	
				Pan	

6365 *adv* PI-162,150

8/10

687

as very clean grained sup

Net = 38" V. short sup, ripe 9/2
green straw Reasonably easy to thresh

for
pan

6366

8/10

✓

6367

909

6368

PI-163,540

pan

Lacks like Ford except maybe
taller ripe, 9/25

for
10/3

6369

✓

6370

8/9

ripe 9/4

~~53~~
~~77~~

910

6371

PI-163,575

8/9

9/6

53

8/31

✓

for
pan

av. good Zenith grain type, wide lines
Bad for HO (large spots). V. sturdy straw
good heads, watch

6372

8/9

53

✓

25	Looks like typical virus					6373
		PI-165, 610				6374
		Ht=61" up 9/26.				He 10/3 Pan
						6375
31		PI-167, 924				6376
		8/7 Highly susceptible to Ho				
		8/7	2/30	46 2/31		6377
		Highly Susc. to Ho				He
		Bearded short-grain, heads poorly filled				
		PI-167, 924				6378
		8/7				Pan
		Highly Susc. to Ho.				
		Large culms but no strain				6379
33		7/25	8/5			
		PI-167, 927				6380
		4/25	8/5	47 8/25	8/31	He
		Like 6381				Pan

6381	7/25	8/5	8/25	42	8/31	933
W Pan	Full grained Fortuna type short starchy straw					

6382	7/25	8/5				935
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6383	PI-167,930	7/25	8/5	8/25	44	8/31	✓
W Pan	V. coarse grain, sturdy straw pan tilled						

6384	like 6383	7/25	8/5	45			✓
W Pan							

PI-167, ~~934~~ ⁹³⁶

Like 6402

Send to 'Chuck'

40

7/27

8/6

8/31

6401

Pan

7/27

8/6

8/20

40

8/31

6402

V. short straw, sturdy, large culms
 a long V. coarse broad grain, 14 factors
 what we need,

Pan

7/27

8/6

6403

8/8

6404

8/8

6405

Pan same 11/22/5

8/6

6406

8/8

6407

8/8

65

6408

6409c	8/8		956
6410b	8/9		957
6411b	8/9		✓
6412b ✓	8/9		✓
6413b	8/5		976
6414b	8/5		✓
6415b	8/5		✓
6416b	PT-1802 182 8/3	8/13	982
Pan			

✓		8/3	8/13		6417	Pan
✓	wh. strained but ulms, long	8/3	8/13 8/22	56. 8/31	6418	fairly large pan
6	med. gr. bearded, robust.	PI-182, 251	8/4	8/14 8/31	6419	the pan
✓	High succ to 80	8/4	8/14		6420	
✓	old, fleshy, bearded, except 6419, which has no fur standing	8/4	8/14		6421	
95	a wk stayed long ol. green. but it's slender not too long gold butly, green ulms.	PI-183, 331	7/30	8/10 8/28	6422	Pan
✓		7/30	8/10	48 8/31	6423	Pan
✓		7/30	8/10	8/31	6424	Pan

6425	PI- 185,810	7/29	8/10	53 8/31	1222
Pan	mk stream, rather tall prob T-1, similar but + some type				
6426		7/29	8/10	54 8/31	✓
Pan					
6427		7/29	8/10	56 8/31	✓
Pan					
6428	PI- 185,811	7/29	8/10	53 8/31	1223
Pan					
6429		7/29	8/10	53 8/31	✓
Pan					
6430		7/29	8/10	8/31	✓
Pan					
6431	7/20		7/30	33	1228
6432	PI- 187,084	7/19	7/29	33 8/31	✓
Pan					
1/2 short stranded Jap. Short back some are poorly filled					

48	7/20	7/30	33	6433
46	7/30	8/10		6434
✓	7/30	8/10		6435
✓	PI-190, 192	7/30 8/10	52 9/2 8/31	6436 Pan
47				6437
				6438
✓				6439
48	CI 8/50	7/28 8/7	43 8/31	6440 Pan

6441	CI 8347	China	7/28	8/7	43 8/31	1298
Pan						
6442	CI 8347	China	7/28	8/7	43 8/31	1298
Pan						
6443	CI 8347	China	8/2	8/12		3716
6444	CI 8347	China	8/2	8/12		✓
Pan						
6445	CI 8347	China	8/2	8/12	60	✓
Pan						
6446	CI 8352	China	8/5		✓ 8/31	3717
6447	CI 8352	China	8/5		58	✓
Pan						
6448	CI 8352	China	8/5		✓ 8/31	✓

CI 8370 22	China 8/9		6449
CI 8370	China 8/9	57 8/17	6450 Pan
CI 8370	China 8/9	Ab 8/31	6451
CI 8372 23	China		6452
CI 8372	China		6453
CI 8372	China		6454
CI 8425 734	China		6455
good stream,	V. late mottled pr glaucous still standing on 11/22/54		6456
CI 8425	China		

6457 CI 8425

China

3734

6458 CI 8487

3742

6459 CI 8487

✓

6460 CI 8487

✓

6461 CI 8514

3747

6462 CI 8514

✓

6463 CI 8514

✓

6464 CI 8534

8/13

China

3751

CI 8534 751	8/13 China	6465 ✓
CI 8534	8/13 China	6466
CI 8599 760	China	6467
CI 8599	8/12 China	6468 ✓
CI 8599	China	6469
CI 8610 761	8/13 China	6470
CI 8610	8/13 China	6471
CI 8610	8/13 China	6472

6473	CI 8897	8/6	Africa 52	3768
✓ pan				
6474	CI 8897	8/6	Hv 8/31 Africa 52	✓
6475	CI 8897	8/4	Africa 8/14	✓
6476	PI 160,861	8/8	China	3775
6477	PI 160,861	8/8	China	✓
6478	PI 160,861	8/8	China 8/13	✓
6479	PI 160,705	8/3	China 59 8/13	3779
✓				
6480	PI 160,705	8/3	Hv 8/31 China 8/13	✓

779	PI 160,705	8/3	China 8/13	6481
783	PI 160,757		China	6482
✓	PI 160,757		China	6483
✓	PI 160,757		China	6484

6501

1507

6502

✓

6503

✓

6504

unknown
much

6505 B501A1-30

BBT x B433A2-6

4046
possible
male
sterile

6506 B501A1-30

BBT x B433A2-6

✓

✓

6507 B501A1-30

BBT x B433A2-6

✓

✓

6508 B501A1-30

BBT x B433A2-6

✓

✓

B501A1-30	BBT x B433A2-6	6509
046 schle gale tule		✓
H38A Dwarf		6510
only big		✓
Saved several dwarfs and one normal. Use normal for checking genetic ratio		6511
B508A1-36	BBT x H0-10	6512
170 in moderate (bulk)	^{8/10} (Looks to be normal in 1954) Saved several sets	✓
B4031A1-1-1	^{8/9} Nat'l Cross	6513
118		✓
B4031A1-1-1	^{8/9} Nat'l Cross	6514
		✓
B4031A1-1-1	^{8/9} Nat'l Cross	6515
		✓
B4031A1-1-1	^{8/9} Nat'l Cross	6516
		✓

✓ Dr 10/18/54	6517	B4031A1-1-10-1	Nat'l Cross	2723
		sl. gran	<u>High Even</u>	
		89.0	+6.5	1
		-2	"	81.5
✓ Dr 10/18/54	6518	Pro v. slender - gran		✓
		-3	"	
✓ Dr 10/18/54	6519			✓
		-4	"	
		8/14		✓
✓ Dr 10/18/54	6520			
		-5	"	✓
✓ Dr 10/18/54	6521			✓
		-6	"	
✓ Dr 10/18/54	6522			✓
✓ Dr 10/18/54	6523	B4031A1-1-1-	Nat'l Cross	2726
✓ Dr 10/18/54	6524	B4031A1-1-1	Nat'l Cross	✓
		79.0	-1.0	1
				82.0

B4031A1-1-1

Nat'l Cross

6525

Red Rice Type from Century

6526

Red Rice Type from Century

6527

Has v short stem, mid-green v short
 Pubescence, v. narrow leaves, Annual

Red Rice Type from Century

6528

Cent. x Red (Dishman)

41 6529

Cent x Red (Dishman)

41 6530

Cent x Red (Dishman)

6532

6533 B48-3555-1-4-8-1 Hill P. x Red

3019

These rows appear to be clean for
Ho, Put these saved in Ho
mussling in 1955.

6534 B48-3555-1-4-8-1 Hill P. x Red

✓

6535 ~~Bluebonnet~~ (Has a Red seed coat)

8/12

3024

Is a short-grain Red, Jap type

6536 ~~Bluebonnet~~ (Has a Red seed coat)

8/12

✓

Seg. mat h'd 8/12 & falling
Seg. Red & white seed coat.

B48-3555-1-4-1-1 Hill P. x Red

6537

3036

white seed coat put in Ho mus.

10/18/54 88.5 +6.0 - 25.0

B48-3555-1-4-1-1 Hill P. x Red

6538

✓

6539 B48-3555-1-4-34 Hill P. x Red

3043

6540 B48-3555-1-4-3-4 Hill P. x Red

✓

46 B48-3555-1-4-3-4 ^{7/25} Hill P. x Red ^{8/5} 6541
 a mottled red seal coat

B48-3555-1-4-3-4 ^{7/25} Hill P. x Red ^{8/5} 6542
 Segs. Deep red & mottled Red seal coat

48 B48-3555-1-4-3-4 Hill P. x Red 6543

B48-3555-1-4-3-4 ^{8/5} Hill P. x Red ^{8/17} 6544
 mottled Red or brown seal coat

49 B48-3555-1-4-3-4 ^{8/5} Hill P. x Red ^{8/17} 6545

B48-3555-1-4-3-4 ^{8/7} Hill P. x Red 6546
 Brown seal coat or mottled Red

58 B48-3555-1-4-3-4 ^{8/14} Hill P. x Red 6547

B48-3555-1-4-3-4 Hill P. x Red 6548

6549 B48-3555-1-4-3-4 Hill P. x Red 3061 ✓

6550 B48-3555-1-4-3-4 Hill P. x Red ✓
8/14
Late met Rex type, no CO,

10/12/54 74.5 - 9.0 3 25.0
6551 B48-3555-1-4-3-4 Hill P. x Red ✓
8/14

6552 B48-3555-1-4-5-2 Hill P. x Red 3065 ✓
8/10

6553 B48-3555-1-4-5-2 Hill P. x Red ✓
8/14
no CO, Bkt, met.

6554 B48-3555-1-4-5-2 Hill P. x Red 3069 ✓

6555 B48-3555-1-4-5-2 Hill P. x Red ✓

6556 B48-3555-1-4-7-1 Hill P. x Red 3073 ✓
8/7

B48-3555-1-4-7-1 Hill P. x Red 6557
 073 8/7 ✓

B48-3555-1-4-8-1 Hill P. x Red 6558
 073 ✓

B48-3555-1-4-8-1 Hill P. x Red 6559
 ✓

B48-3555-1-4-8-1 Hill P. x Red 6560
 090 Red seed Coat ✓

B48-3555-1-4-8-1 Hill P. x Red 6561
 ✓

B48-3555-1-4-8-1 Hill P. x Red 6562
 ✓

B48-3555-1-4-8-1 Hill P. x Red 6563
 ✓

B48-3555-1-4-9-2 Hill P. x Red 6564
 06 ✓

83
5565 B48-3555-1-4-9-2 Hill P. x Red 3106 ✓

5566 B48-3555-1-4-9-2 Hill P. x Red 3110
8/10

✓ white red coat

5567 B48-3555-1-4-9-2 Hill P. x Red ✓
8/13

5568 B52-2426 Cent. Freak 3116 ✓

5569 B52-2426 Cent. Freak ✓

5570 B51-3601-1 Tall Cent. 3118
8/2 8/13

5571 B51-3601-1 Tall Cent. 60 ✓
85.5 + 5 8/2 8/13

5572 B50-4421 Tall Century 3125
8/2 8/13 65
[85.5 + 5.5 No 38/31 16.5]
No 8/31

B50-4421 3125	Tall 8/2	Cent 6/13	6573 ✓
3131 B4512A1-40	Hill	Sel x BBt	6574 ✓
B4512A1-40	Hill	Sel x BBt	6575 ✓
B51-4296-3 3134	BBt 50 Dwarf normal		6576 ✓
B51-4296-3 ✓	BBt 50 Dwarf normal		6577 ✓
B51-4296-10 3141	BBt 50 Dwarf dwarf seth		6578
B51-4296-10 ✓	BBt 50 Dwarf dwarf seth		6579
B51-4296-15 3146	BBt 50 Dwarf dwarf seth		6580

6581 B51-4296-15 BBT 50 Dwarf
all dw. sathu'

3146

6582 B51-4296-15 BBT 50 Dwarf
all dw. sathu'

3146

6583 B51-4296-15 BBT 50
Segn'

3146
norm

6584 B51-4296-15 BBT 50
Segn'

3146
norm

B51-4296-15 BBT 50 6601
 3146
 Normal seg. normal + intern

B51-4296-16 BBT 50 6602
 3147
 dwarf sathi

B51-4296-16 BBT 50 6603
 dwarf sathi

B51-4296-16 BBT 50 6604
 short
 Normal seg. normal + dwarf sathi
 3147

B51-4296-16 BBT 50 6605
 seg No Dwarf

B51-4296-17 BBT 50 Dwarf 6606
 3148
 dwarf sathi except on interned plant

B51-4296-17 BBT 50 Dwarf 6607
 Dwarf

B51-4296-19 BBT 50 Dwarf 6608
 3150
 92.0 + 9.5 $2\frac{1}{2}$ normal 27.5
 10/20/54

6609 B51-4296-19 BBt 50 (Dwarf) 315

✓ normal
10/20/54

6610 B51-4296-22 BBt 50 (Dwarf) 315

segs. normal Int. & Dwarf

6611 B51-4296-22 BBt 50 (Dwarf) —

segs. normal Int & dwarf.

6612 B53-3155 ~~BBt 50~~ (Dwarf)

B4324 sterile 3155 sterile

6613 B53-3155 ~~BBt 50~~ (Dwarf) ✓

6614 B53-3155 ~~BBt 50~~ (Dwarf) ✓

segs. sterile, normal
are short, shaped (mini dwarf)
and highly sterile ✓

6615 B53-3155 ~~BBt 50~~ (Dwarf)

3155 normal

6616 B53-3155 ~~BBt 50~~ (Dwarf) ✓

✓

Tetra CP 23/

B45-2379

~~BBT Sel~~

8/14

6617

B45-2379

~~BBT Sel~~

8/14

6618

B45-2379

~~BBT Sel~~

6619

B45-2379

~~BBT Sel~~

6620

B45-2379

~~BBT Sel~~

6621

B45-2379

~~BBT Sel~~

6622

6623

~~B45-2379~~~~BBT Sel~~

6624

are tetra CP 23/ none.

*Charlotte Peace & Health Unit
have normal appearance when
mature*

6625	B52-5104		Imp BBt	3181
6626	B52-5104		Imp BBt	✓
6627	B52-5104		Imp BBt	3182
6628	B52-5104		Imp BBt	✓
6629	B52-2410	Tall Century Freak		3184
6630	B52-2410	Tall Century Freak		✓
6631	B52-2410	Tall Century Freak		✓
6632	B52-2439	Century Sterile		3185
<i>all plants sterile some plants have one or two seeds</i>				

85 B52-2439	Century Sterile	6633
	like 6632	
202 B52-2416-1	Century Freak	6634
	like 6632 but one normal plant	
B52-2416-1	Century Freak	6635
	like 6632 but 2 normal plants	
B52-2416-1	Century Freak	6636
	all sterile but one	
207 B52-2414-1	Century Sterile	6637
	all sterile but one	
B52-2414-1	Century Sterile	6638
B52-2414-1	Century Sterile	6639
210 B52-2414-4	Century Sterile	6640

6641 B52-2414-4 Century Sterile 3210

6642 B52-2414-4 Century Sterile ✓

6643 B52-2414-4 Century 3210
normal

6644 B52-2414-4 Century ✓
normal

6645 B52-2430-2 Century Freak 3221

6646 B52-2430-2 Century Freak ✓

6647 B52-2430-2 Century Freak ✓

6648 B52-2430-11 Century Freak 3230

30	B52-2430-11	Century	Freek	6649
32		Century 234	Sel	6650
		Century 234	Sel 8/13	6651
37		Sathi	Century	6652
		Sathi	Century	6653
45	B4544A1-26-1		R-7689 x RN	6654
	B4544A1-26-2		R-7689 x RN	6655
46	B4544A1-26-3		R-7689 x RN	6656

6657 B4544A1-26-4 R-7689x RN

3246

6658 B4544A1-26-5 R-7689x RN

88.0 + 4.0

3249

✓
10/20/54 ✓
check qual
all 9 the A1-26 lines are mycelial like,
BBT 26 + grain type ✓ mat, check qual

35.0

6659 B4544A1-26-6 R-7689x RN

10/20/54

✓
check qual

6660 B53-3251-1, BBT 50 Sterile

3251
sterile

6661

-2

"

6662

B53-3276-1 BBT 50 (short straw)

88.5 + 4.5 3

3276

✓
10/20/54

6663

✓ -2

"

6664

-3

"

✓
1. short BBT 50 good
are green & turned light
and plants strong
BBT 50 similar to
non-headed
grow & look
grain more plentiful than
BBT 50
little checking 10/18
than others

- 53-3276-4, BBt 50 (Short Straw)
 Vgvd
 6665
 Hk
- 5 " 6666
 Taller than 6665
 Hk
- 6 " 6667
 Taller than 6665
 Hk
- 53-3278-1 BBt. 50, (Highly Sterile)
 278
 Highly sterile no
 normal plants
 6668
- 53-3278-2 BBt. 50, (Highly Sterile)
 6669
 Hk 6668
- 53-3278-3 BBt. 50, (Highly Sterile)
 6670
 Hk 6668 Plant to greenhouse
 as sterile no normal
 an occasional seed on some plants
- 53-3282-1 Imp BBt
 282
 green straw typical BBt
 but S to C
 6671
- 53-3282-2 Imp BBt
 6672
 Hk 6671

6673 BS3-3283-1 Imp BBT looks like BBT 3283

Disc no value
looks like BBT

6674 BS3-3283-2 Imp BBT looks like BBT ✓

like 6673

6675 BS3-3284-1 Imp BBT green leaves 3284

like 6673

6676 BS3-3284-2 Imp BBT green leaves ✓

green stem no CB

6677 BS3-3284-1 very Late, green Leaves 3285

green stem segs green length

6678 BS3-3284-2 " " ✓

green stem segs green length

BS3-3288-1 Early BBT 50

6679

3288

6680 BS3-3288-2 " ✓

Being grown elsewhere

-3309-1 Crowley Large Seed
309

6681

B53-3309-2

"

6682

-3

"

6683

-4

"

6684

50.0 -30.0 1 37.5

11

Cross with Large
Seed

6701

Slip peduncle
BBT 50. put
in mutation nursery

med-
gram
nulle
BBT 50

6702

6703 gold from nulle Reg BBT 50
(Maunty Oct)
53-6703, BB50, (Gold-Mowitz)

6704

6705

V. tall gold BBT
from BBT-50

6706 V. early BBT 50 8/9 from May, date 10

6707

and V early,
are early.
B 45/24 1-20
mushy time
precipitate

B 54-
8/9

6708 Seaburg BBT-50 7 d.

Leahy BBT 50, 7d.

~~6708~~

54-6710, BBT 50 (Leahy)

~~6709~~

~~6710~~

~~6711~~

~~6712~~

~~6713~~

~~6714~~

~~6715~~

~~6716~~

83
6717 *Seabury BB+50, 7 d*

6718

6719

6720

6721

6722

6723

6724

Serburg BBt 50, 7d

6725

6726

6727

One of better BBt-50
waddlers types

6728

84.5 +2.0 2 30.0

6729

unless BBt 50, Serburg 7d.

6730

6731

6732

6733 Amless BB+50, Seaking 7d

6734 possible male stule, Seaking BB+50

6735

6736 BB+50 tel A (Ewing)
greener shading than BB+50 502
from Seaking, uniform
✓ good. 84.5 +1.0 3 29.0
check qual, no beads

6737

6738 503

6739

6740

068	ewing - thorn	BBT 50	6741
			6742 ✓
			6743
085 1	B53-5085	BBT 50 del Head Row (north 6)	6744 ✓
			6745 ✓
			6746
090	B53-5090	BBT 50 del (Head Row, north 4)	6747 ✓
		8/7	674 ✓

6749

5090

6750 Imp. BBT, from Boyl 7d. (off type)

6751

type white

6752

off type white

6753

very call (as told as Dan)

6754

Some are fairly good

others are very call (as told as Dan)

variations some and q. & some

gold, & some rough (see for these characters)

Some and q. & some

gold, & some rough (see for these characters)

Some and q. & some

gold, & some rough (see for these characters)

6755

V. short strawed row 4 V Succ to
No. Panicles poorly filled

6756

shakily Fr's (??)

6757 ✓

8/7

6758 ✓

6759 ✓

6760 ✓

8/6

6761 ✓

8/6

6762 ✓

8/9

6763 ✓

8/11

6764 ✓

6765 Probably Fr¹ 8/9 (??)

6766 Todd ??

6767 ✓

6768 ✓

6769 ✓

6770 ✓

6771 aptype in March date sky. from
CI 5094, probe not cross. ✓

6772 ✓

are V. but
no doubt are not
crosses. No Value

✓ I-5094 soft type from May date
 sdg thought to be F,

6773

6774

✓ Prob F₁ from B 455 A1-25 (Eagle Lake)
 8/10

6775

8/8

6776

8/12

6777

8/13

6778

✓ soft type B 455 A1-25, from Eagle Lake
 Prob CP hit, gold, chills
 fairly good grain the same CP grain type

6779

6780

much like 6779 but fuller grain

74.5 -5.5 1 76.0

✓ 6781	off type B455 H1-25, Eagle Lake				
	good stream colored row but taller than Parent	—	—	2	—
6782	"	"			
	Parent height but gold hulk at good row	—	—	—	3/0
6783	"	"			
6784	"	"			

normal Imp BBT from straight end area (Bryt 4 d) 6801 ✓

normal in 1954 grow at Eagle Lake in 1955 ✓

6802 ✓

6803 ✓

6804 ✓

6805 ✓

6806 ✓

6807 ✓

Jitterbug (Gilmore field, Dayton) 6808 ✓

6809

Jitter bug (Gilmore, Dayton)
8/13

6810

a long stream rather tall
Too early & too short a grain for B.H.

6811

8/13

Smooth mid gr stream, rather tall

6812

8/13

6813

an early gold bearded long-grain
type, Too tall for C.P.

6814

8/13

6815

8/14

6816

8/11

86.5 ————— 27.0

Jitterbug (Gilmore, Dayton) 8/10 6817

~~Long grain straw hull~~

~~2.5 3.5 21.5~~

Long grain straw hull 6818

8/12 6819

8/12 6820

8/9 6821

8/14 6822

Long sl grain, gold, too tall for
C.P., check qual.

6823

8/13
Long sl grain straw hull, check
qual.

6824

8/12
a smooth straw hulled row
looks v. good, sl larger seed
than jitterbug

10/2

6825	Jitterbug (Gilmore, Dayton)	8/13			
------	-----------------------------	------	--	--	--

6826		8/12			
------	--	------	--	--	--

6827		8/13			
------	--	------	--	--	--

6828	no rice				
------	---------	--	--	--	--

6829		8/14			
------	--	------	--	--	--

6830		8/14			
------	--	------	--	--	--

6831					
------	--	--	--	--	--

6832					
------	--	--	--	--	--

Jetterbug (Gilmore, Layton) 6833

8/12

8/14

6834

long slender. gran, strawhulls 6835

smooth 2.5 inch, strawhulls,
med-gran 8/12 6836

Rough gold,

6837

long slender strawhull 6838

long slender gran
strawhulls 6839

8/12

6840

6841	Late in CI-8970 (2 rows) 8/2 8/12 ✓ early, ✓ short straw, good			
6842		8/2	8/12	✓
6843		8/1	8/11	✓
6844	Late in CI-8970 (new row) 8/1 8/11			
6845	Late in CI-8970 (5 rows) 8/10			
6846		8/10		✓
6847		8/10		✓
6848		8/10		✓

Late in CI-8970 (continued)	8/10	6849
Smooth plant in CI-8970 (3 rows)	8/5	6850
✓ Smooth plant in CI-8970 (3 rows)	8/5	6851
✓ Smooth plant in CI-8970 (3 rows)	8/5	6852
old plant in Zenith (winter seed)	8/10	6853
✓ Smooth plant in CI-8970 (3 rows)	8/12	6854
thru Century (Mitchell P. Acres field)		6855
Early hollyhock		
✓ Standing better than 6855		6856
20 yrs. or later row BBT met		
or earlier		

6857 Little Cent. 7 d. med grain
8/9
a v good smooth Zenith

6858 Gumbi 8/9 ✓

6859 Gumbi, possible male stud
(6 ions)

6860 ✓

6861 ✓

6862 ✓

6863 ✓

6864 ✓

all these appear as Gumbi &
all appear normal

Guineki, possible mat-stem (2 rows) 6865

6866

unknown short-grass (6 rows) 6867

6868

Small F₁ plant. 2 or prob
Guineki x ?

6869

6870

6871

6872

all these are Guineki rows
and all appear normal except
one plant in 6869

6873 Seckung Rex no, 7 & field 1953

normal

all appear normal



6874

6875

6876

6877

more spicately than other
rows - otherwise a Rex no

6878

Row is seg for hull color
all late - all wet grain
Seg. rough & smooth. Does
not appear to be fr pop 9

6879 a Rex no cross?

6880

Leshung River, 1953 field

6881

6882

6883

6884

6901

Revoro, 1953 Fd field

6902

6903

B4552 A1-18

TPx R-7689

6904

disc, similar type in
gold plates

2576

6905

v short

6906

6907

B323 B39-13

R x 5BR

v short compact or club pan.
no CO, BR mat v sturdy
stem, not too tall

2707

6908

B323B39-13

Rx 5 BR

6909

B3412B47-2

Cax R.

6910

no CO, small stems
 sensitive day length
 reaction of suspected
 of being so, dropping
 stem of leaf, rather
 tall, green, shiny,
 long Gram.

6911

6912

H

B3412B41-1

Cax R

6913

Much like 6912

6914

6915

B378/B49-2

Rx 81C

6916

H

86.5 0 — 24.0

6917 B3781B49-2 R x 81C
 all 3 rows alike, av. v. tall 2671
 large culms, no CO, grain stem, v. clean
 for PO, smooth almost a K grain, slender
 body, profuse tiller 77.5 -2.5 3 1/2 high 21.5
 6918 yielding type, 81C general appearance ✓

6919 B3781B49-5 80.0 -0.5 3 23.0
 R x 81C
 fairly short, v. sturdy stem 2678
 no CO fairly clean for PO
 a smooth med-grain for
 920 91.0 +3.0 — — ✓

921 ✓

6922 B3781B47-4 R x 81C 2684

6923 ✓

Large culms
 sturdy stem, not
 too tall

6924 ✓

687	B 3781 B47-4	Rx 81C	6925
	short, sturdy straw, no CO not bad for Ho either, long bl. grain green stem 73.6 inch - 13.5 highly stunted	red flags	<u>Hn</u>
			6928
			<u>Hn</u>
			6927
			<u>Hn</u>
702	B 3781 B47-4	Rx 81C	6928
			<u>Hn</u>
			6929
			<u>Hn</u>
			6930
			<u>Hn</u>
314	B47-4980-3,	Karang - Surang	6931
	infected with 2 later than B47, rather tall, long grain, no pickled value		6932

6933 B47-4980-3, Karang-Serang 3314

6934 B47-4980-3, Karang-Serang 3318

Late mat, (ex. of late) long sep,
no CO, green stem, sturdy, stem
rather tall,

6935 Fully headed, River grass ✓
type, no CO, inside 1/50,
rather wide leaves, long.

6936 ✓

6937 B47-4962-14 Karang-Serang 3341

6938 ✓

~~Mr~~

83.0 - 3.5 3 1/2

6939 ✓

~~Mr~~

6940 B47-4954-1 Karang-Serang 3345

B47-4954-1 Karang - Screng 6941
 2345
 no CO, v large HO spots, Rv
 green stem, just too large,
 v. long 27.0 + 0.5, 3. thick stem,
 green too long & sl. curved, 6942

B47-4950-9 Karang - Screng 6943
 3352

no CH, v green leaves
 also along just HO
 spots are large, Tall & d
 weak stem, if curved
 Kar. para g
 6944
 6945

B49-6233-3-3 Clut-Bbt. 6946
 2924

just Bbt no CO
 old bulb v clear for HO
 reduced leaf area
 and narrow leaves
 52.5 - 28.0 1 65.0
 6947
 Hr

6948
 Hr

6949 B47-4399-2-1

C.F. 5099 Nat'l C.

2935

6950

g. good Paton type but segs ✓
 for grain length, seed longest
 green stem v. little CO, Rv to 1 P
 maturity 82.0 - 4.5 3 20.5

6951

6952 B47-4399-16-3

C.I. 5399 Nat'l C.

2955

6953

v tall, med-grain, no CO ✓
 rather bad for Ho, green stem
 BR growth habit

6954

6955 B47-4399-1-16-3

C.I. 5399 - Nat'l C.

2959

6956

B47-4399-1-16-3

C.I. 5399 Nat'l Cr.

2959

6957

✓

6958

B47-4399-1-16-3

C.I. 5399 Nat'l Cr.

2968

6959

✓

6960

✓

6961

B47-4394-2-3

C.I. 5399 Nat'l Cr.

2976

6962

✓

Tall, late large culms,
smooth, productive

6963

✓

6964

03
6965 B47-4394-7-1 C.I. 5399 Nat'l Cr.

2990

6966

✓

6967

✓

6968

✓

6969

✓

6970

✓

6971 B47-4385-87-8-1 C.I. 5399 Nat'l Cr.

3000

6972

✓

B47-4385-87-8-1

C.I. 5399 Nat'l Cr.

6973

002 no CO, green straw, a
 good smooth BK type, footall,

6974

6975

6976

B47-4385-87-8-1

C.I. 5399 Nat'l Cr.

6977

005

V. good short sturdy strawed
 shed-green types, glab,
 smooth, green leaves, rather
 narrow leaves, fairly clean
 for HO, Easily threshed Ho

6978

6979

B47-4385-87-3-1

Glut. Nat'l Cr.

6980

008

6981	B47-4385-87-3-1	Glut. Nat'l Cr.	3008
6982	✓ good short, showy - top show type short grain, gold fully rough, green showy - green showy ✓ good to thick	✓	
6983	✓ good short, showy - top show type short grain, gold fully rough, green showy - green showy ✓ good to thick	✓	
6984		✓	

B343B47-18,

N x K

7001

707

a good sp. grain Bst.
 grow at E. Lake & check grain.
 not too P. but -2.5 3½ 24.0

Nx

7002

Nx

700

B343B49-3

N x K

734

V. good parent row
 a short grain type, very high yield but
 too tall, V. green straw, good to carry
 for not early not short type, early thresh

700

700

Nx

58.0 -22.5 3 12.0

7006

B454B1-81-26-1 Bst x K: R.

386

Rather tall but V. good Bst type
 green straw

77.5 -3.0 3 —

7007

Nx

7008

HV	7009	B454 R1-81-26-1,	Bbt x K-R	2386	
HV	7010	B454 A1-83-1-1, <i>gold snuff, rapid dry drying, same to CO,</i>	Bbt x K-R	2528	
		74.0	-6.5	3	18.0
HV	7011				✓
HV	7012				✓
HV	7013	B454 A1-81-8-1, <i>Fairly tall, Bbt type, H₂ CO, but a slender grain</i>	Bbt x K-R.	2405	
HV	7014	87.0	-1.0	3	21.0
HV	7015				✓
HV	7016	B454 A1-84-14-2,	Bbt x K-R.	2412	
		83.5	-4.5	-	19.5

412 B454 A1-84-14-2, Bbt x K-R 7017

7018

NH

416 B454 A1-84-14-2, Bbt x K-R 7019

NH

7020

7021

436 B343 B47-18-11-4, NxK 7022

v. green straw,

v. good slender Bbt type

7023

7024

NH

87.0 -1.0 3 23.0

7025 B 343 B 49-3, N x K

2489

Smooth lvs, mid-gr
rather tall, no CO,
rather narrow leaves.

7026

✓

7027

✓

✓

7028 B 343 B 49-4 N x K

2502

7029

✓

7030

✓

7031 B 343 B 49-5 N x K

2505

a rather long, fairly slender grain
type with small stems and narrow
leaves of gap, good for crossing

7032 no CO. + green big lvs.

about BBT, mid. good for
parent in long grain crosses with
gap shows ✓ type

✓

2504 B 343 B 49-5

N x K

7033

2508 B 343 B 49-10

N x K

7034

no CO, rather tall BB type
with green stem, chop, fairly clean for
no, grain too full for BB

7035

7036

He

2514 8/0 -8.0 - 23.5
B 343 B 49-10

N x K

7037

v. tall, taller than avg BB, no CO,
green stem, about a 1/2" grain

7038

He

7039

2517 B 343 B 49-10

N x K

7040

Nr 7041 B343 B49-10 NxK
Shorter straw than 7037 al, but still tall, 2s CO more grain, type 2517

7042 ✓

Nr 7043 B343 A47-18-11-4, NxK
Rather short, V sturdy straw 2547
gold hulls S to CO, check grain good A V good
gold hulled 82.5 -6.5 3 24.5

7044 ✓

Nr 7045
↓ ✓

7046 B454 A1-24 Bbt x K-R
prob, no taller than Bbt-50 2730
grain prob more slender
watch

7047 ✓

89.5 +1.5 3 34.5

Nr 7048
A good Bbt-50 type, grain more slender, some CO but greener than Bbt-50, watch seed most slender grain, prob some segs. ✓

741 B 454 A1-81

Bbt x K-R 7049

a v. good slender Bbt type

7050

Nh

89.0 +1.0

3

23.5

7051

742 B 454 A1-81

Bbt x K-R 7052

7053

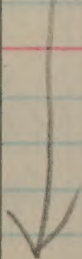
7054

751 B 343 B47-18,

N x K 7055

see 7043 (same as)
gold hulls

7056



From 7208 to 7284 check rows
 seen to var 53-316 (BBT-50)

7057	B 343 B 47-18, S	N x K	275
7058			✓
7059	B 343 B 47-18, old & straw hulls (segr) v. good for v. shiny BBT;	N x K	275
7060	the Segr gold straw		✓
	86.0 -0.5 2 20		
7061	23 a v. uniform long yellowish row, grain larger than R ₂₀ longer than BBT, gold hulls		105 gold rough
7062	subst, maybe a Karang - strong		
7062			check
7063	B 47-4976-1	Karang - Strong	333
7064	Rather tall, grain too long, no CO, narrow leaves, earlike than R		✓

chicks 7062 to 7125 are 86
B52-2579; chicks 7128 to 7203
B52-2583. (all sent from Todd)
Balanced chicks are orig BBT
chick 7065

B52-7001
8003 pale BBT (rolle)
susceptible to C.O.
H.O 1-2 7066

✓ pale BBT (rolle) 7067
has short mutant, only 18" tall
v. short panicles, (pale) Brought to greenhouse
chick 7068

H0-3-1-1-1, TP49 x B3812A 065
3005 very easy to handle, v. short stem, Hr
Res. mol, no C.O. good to cross
with TP for short stem, chick
quality 7070
Hr

chick 7071

H0-35-1-1-1, TP49 x B3812A
2015 has short stem, v. good tillering 7072
no C.O. green stem Hr

✓ 7073 HO-35-1-1-1, TP49 K B3812A
red color on glumes, smooth
red ap. stigma colorless, 8015

7074 check

7075 HO-35-1-1-1, TP49 K B3812A
8017

7076 ✓

7077 check

7078 HO-35-1-1-1, TP49 K B3812A
8018

7079 ✓

7080 check

8030 HO-55-4-1-1,

TP49 x B3812 A 81

✓ straw bolls, lots
short very sturdy straw no C O,
no leaf drying on 10/19 when over ripe
watch

7082

check

7083

8030 HO-55-4-1-1,

TP49 x B3812 A 84

7101

check

7102 HO-60-1-1-1,

TP49 x B3812 A

8033

7103

✓

7104

check

HO-388-4-1-1,

B6t x B3812 A

7105

8056

7106 gold, rough
early

✓

7107

check

7108 HO-388-4-1-1,

B6t x B3812 A

8057

HO-388-4-1-1,
8057

TPX B3812A

7109
W

check

7110

HO-443-4-1-1,
8065

TPX B3812A

7111
W

✓

7112

check

7113

HO-443-3-1-1,
8063

TPX B3812A

7114

✓ late, rough, p. ap. tall

7115^c

check

7116

7117 HO-468-2-3-1, TP x B3812 A 8072

7118 ✓

7119 ✓
check

7120 HO-468-6-2-1, TP x B3812 A 8078

7121 ✓
Mr. all good TP 44
hyper, no CO.

7122 ✓
check

7123 HO-473-2-1-1, TP x B3812 A 8080
Mr. Rather late short study stream,
big gulches

7124 ✓
Mr.

check

B52-2579

Total 142

7125

HO-484-1-1-1,

TPK B3812A

8083

7126

N

✓
all gold hulls,
rough, pink short stem,
no CO, v. green stream!
sturdy, not too long
TP med.

7127

N

check

B52-2583

Total 143

7128

HO-484-2-1-1,

TP x B3812A

8102

7129

✓

7130

check

7131

B3812A1-2-2,

8/06

7132

7133 B3812 A1-2-2,

8106

7134

check

7135 B3812 A1-2-2

8108

7136

✓

7137

check

7138 B3812 A1-2-2

8109

7139

✓

7140

check

8/14 HO-3-3-1-1 TP49 x B3812 A 7141

✓ 7142

check 7143

8/20 HO-9-1-1-1 TP49 x B3812 A 7144

✓ 7145

check 7146

8/38 HO-67-1-1-2 TP49 x B3812 A 7147

NR

✓ rough straw
green sticky straw 7148

NR

7149

check

7150

HO-83-1-1-1, TP49 x B3812 A

8/40

✓ Larger green than 7151

7151

✓

7152

check

7153

HO-83-1-1-2, TP49 x B3812 A

8/41

7154

✓ Earlier than TP, v. sturdy stem

✓

7155

check

7156

HO-97-1-1-1, TP49 x B3812 A

8/43

8143 HO-97-1-1-1, TP 49 x B3812 A 7157

check 7158

8147 HO-114-2-1-2, TP 49 x B3812 A 7159

V. gun char - mt too tall

Nh

✓ 7160

Nh

check 7161

8159 HO-135-1-1-1, TP 49 x B3812 A 7162

✓ 7163

check 7164

7165 HO-143-1-2-1, TP49 x B3812A
8161

7166

7167

check

7168 HO-281-1-1-3, TP49 x B3812A
8171

7169

7170

check

7171 HO-281-1-4-2, TP49 x B3812A
8173

Spine v. green strong, rather wide
leaves, sturdy, fairly tall, large culms,

7172

✓

check

7173

8174

HO-302-1-1-1, B6t x B3812A

7174

✓

7175

check

7176

HO-341-1-1-1, B6t x B3812A
8180

7177

✓ tall weak straw
strong, smooth

7178

check

7179

HO-341-1-1-1, B6t x B3812A
8180

7180

7181 HO-341-1-1-1, Bbt x B3812A

8180

7182

check

7183 HO-341-1-1-1, Bbt x B3812A

8182

7184

✓

8183 HO-341-1-1-1, B6t x B3812A

7201

✓

7202

check

7203

8183 HO-341-1-1-1, B6t x B3812A

7204

✓

7205

8201 HO-341-1-1-1, B6t x B3812A

7206

8201 Steady & better than other nos 2
of this strain

✓

7207

316
check

7208

7209 HO-341-1-1-1, Bbt x B3812A 820

7210 8chec

7211 HO-341-1-1-2, Bbt x B3812A 820

7212

7213

7214 HO-364-1-1-1, TP x B3812A 820

7215

7216

check

8205 HO-364-1-1-1, TPx B3812 A 7217

✓
✓ 7218
He

check 7219

8210 HO-421-2-1-1, TPx B3812 A 7220

✓
Are not typical
421 links. Look
check more like TP49
7221
He

8213 HO-421-2-1-1, TPx B3812 A 7222

✓ Typical of Ho 421 but may
be more so than average 7223
He

7225

check

7226 HO-438-1-1-1, TPx B3812A

8216

7227

✓

7228

check

7229 HO-485-1-1-1, TPx B3812A

8229

7230

✓

7231

check

7232 HO-485-1-1-1, TPx B3812A

8231

8231 HO-485-1-1-1, TP x B3812A

7233

✓
check

7234

8232 HO-485-1-2-1, TP x B3812A

7235

rough, steam, early
short, poor telling

✓
7236

check

7237

8235 HO-485-1-2-1, TP x B3812A

7238

✓
7239

check

7240

7241 HO-485-1-2-1, TP x B3812A

8237

7242

✓

7243

check

7244 HO-485-1-2-1, TP x B3812A

8238

7245

✓

7246

check

7247 HO-485-1-2-1, TP x B3812A

8240

7248

✓

check

1249

HO-489-1-2-1, TPx B 3812 A

1250

8244

are late snow cut flag.
 short grain, no CO, v. strongly
 strong, not very tall, gold hills
 check quality. sp. immature
 when harvested,

1251

1/2

check

1252

B 396 B 47-11-2-2-1,

1253

8247

✓

1254

check

1255

B 396 B 47-5-1-1-2,

1256

8250

7257 B 396 B 47-5-1-1-2,

8250

7258

check

7259 B 396 B 47-5-1-1-2

8252

7260

✓

7261

check

7262 B 396 B 47-5-1-4-2

8253

7263

✓

7264

check

8255 B396B47-5-1-4-2,

7265

7266

check

7267

8210 HO-421-2-1-1, TPx B3812A

7268

✓ not typical HO 421,
looks more like TP49
not as clean for HO as
HO 421, check good
and given in single
field plots.

✓
10/18/54
7269

check

7270

8210 HO-421-2-1-1, TPx B3812A 7271

not typical

8213 HO-421-2-1-1, TPx B3812A 7272

7273

check

7274 HO 421-2-1-1, TP x B3812 A

8213

7275

✓

7276

check

7277

medium tall, not like 81 to 84 ^{Todd 17}

7278

✓

like 7277

7279

check

7280

✓

like 7277
medium, tall,

Todd 17

Todd 172

check

Todd 172

✓
Same mat as #0421
Short sturdy stem, broad
lvs; round, v. green leaves,
green slender (more so than #0421)
green not too long. Prob parent
type of 1953 crosses Watch
Send to Campbell.

7281

~~1/4~~

10/18/54

7282

7283

~~1/4~~

10/18/54

7284

~~1/4~~

10/18/54

check

Crosses Made, 1954			
Date	1954 Cross No	Final Parent	Final Plant Row no
8/10	B 541 A	CP - 231	(255)
8/10	B 542 A	"	(255)
8/10	B 543 A	"	255-
8/10	B 544 A	"	255-
8/11	B 545 A	"	255-
8/11	B 546 A	"	255-
8/11	B 547 A	✓ "	255-
8/11	B 548 A	"	255-
8/12	B 549 A	"	255-
8/12	B 5410 A	"	255-
8/12	B 5411 A	"	255-
8/16	B 5412 A	"	255-
8/16 8/16	B 5413 A	"	255-
8/16	B 5414 A	"	255-
8/16	B 5415 A	"	255-
8/17	B 5416 A	"	255-

no seeds set on one Pan. image, 8/17

at present 40 seeds on first 15 cross June 99
 Season 1954

	melipane	Row No.	seeds
X	B502A3-78-2 (BBT x C.P.) S.H. RESIS.	4983	13 (10)
X	184, 675-1	6001	9 (5)
X	180, 177	6007	10 (7)
X	180, 059	6013	4 (4)
X	B505A1-30-2 (C.P. x H.O.12) SAT. QUAL. seeds eaten by insect bird	4382	7 (1)
X	B505A1-11-1 (C.P. x H.O.12) SAT. QUAL.	4361	16 (13)
X	B502A2-2-1 (BBT x cent) Highly Res. S.H.	4626	7 (5)
X	B508A2-73-1 (BBT x H.O.10)	4536	7 (3)
X	B505A1-62-1 (C.P. x H.O.12)	4430	2 (2)
X	B505A1-66-1 (C.P. x H.O.12)	4427	15 (15)
X	B515A1-30 (C.P. x PI 184,812)	2032	12 (12)
X	B502A2-45-1 (BBT x C.P.)	4716	11+12
X	B502A2-1-1 (BBT x C.P.)	4623	6 (7)
X	B502A2-8-1 (BBT x C.P.)	4635	9 (9)
X	B502A2-73 (BBT x C.P.) exceptionally good pollen sat. qual.	4634	15 (15)
X	B502A2-119-2 (BBT x C.P.)	4847	(5)

not fert (27 flowers) all flowers still green on 7/4/54

8/17	B5417A	C.P. 231	255-
8/17	B5418A	"	255
8/17	B5419A	"	255-
8/17	B5420A	"	255-
7/18	B5421A	"	255-A
7/18	B5422A	"	255-A
7/19	B5423A	BBT-50	484a
8/19	B5424A	"	"
8/19	B5425A	"	"
8/19	B5426A	"	"
9/20	B5427A	BIBT-50	(2420
9/20	B5428A	"	"
9/20	B5429A	"	"
9/20	B5430A	"	"
10/1	B5431A	C.P. 231	23 row Block
10/1	B5432A	C.P. 231	23 row Block
10/4	B5433A	RxF. (261) B322B47-12-2-4	D.S. 802
10/4	B5434A	TEXAS PATNA	D.S. 802 (272)

x	B 502 A2-154-2 (BAt x C.P.)	4878	8	(9)
	S.H. Res. 0 reading			
x	B 502 A2-113-1 (BAt x C.P.)	4836	3	(3)
	S.H. Res. 0 reading			
✓	B 502 A2-66-1 (BAt x C.P.)	4745		(3)
	S.H. Res. Sat. Qual.			
✓		5005	no male	
	B 511 A1-35 (C.P. x ZAYAS BAZAN)	2701		(4)
	PI 180, 177	6009		(2)
	B 502 A2-113-1 (BAt x C.P.)	4836		
	S.H. Res. sat. qual.			
	B 502 A2-2-1 (BAt x C.P.)	4626		Seem
	S.H. Res.			
	B 502 A3-82-2 (BAt x C.P.)	5005		3
	Sat. qual.			
	B 502 A2-119-1 (BAt x C.P.)	4847		1
	Sat. qual.			
	B 502 A2-161-3 (BAt x C.P.)	4908	✓	
	B 502 A2-8-2 (BAt x C.P.)	4636	✓	
	B 508 A2-73-1 (BAt x HO-10)	4536	✓	
	B 508 A1-15-2 (BAt x HO-10)	4518	✓	
x	Red C.P. 231	9 th row	Block 43	11
x	Red C.P. 231	9 th row	Block 43	4
	B 5316 A1 (B4512 A1-32) X.T.P.			2.1
	B 5316 A1 (B4512 A1-32) X.T.P.			f, Block

			Row NUMBER
0/5	B5435A	TEXAS PATNA	272C
0/5	B5436A	TEXAS PATNA	272C
0/5	B5437A	TEXAS PATNA	272C
0/5	B5438A	TEXAS PATNA	272C
0/6	B5439A	TEXAS PATNA	272C
0/6	B5440A	TEXAS PATNA	272C
0/7	B5441A	TEXAS PATNA	272C
0/7	B5442A	TEXAS PATNA	272C
0/7	B5443A	TEXAS PATNA	272C
0/7	B5444A	TEXAS PATNA	272C
0/7	B5445A	TEXAS PATNA	272C
0/7	B5446A	TEXAS PATNA	272C
0/13	B5447A	TEXAS PATNA	272C
0/13	B5448A	TEXAS PATNA	272C
0/13	B5449A	REXORD	269C
	B5450A	BBT 50	X-156
	B5451A	BBT 50	X156
	B5452A	BBT 50	X156
	B5453A	BBT 50	X156
	B5454A	BBT 50	X156
	B5455A	BBT 50	X156
	B5456A	BBT 50	X156

		ROW NUMBER	SEED SET	
B5316A1		F, BLOCK	1	1
B5316A1		F, BLOCK	0	1
B5316A1	R.E.C.	F, BLOCK	18	16 clipped hae
B5316A1		F, BLOCK	1	1
B5316A1		F, BLOCK	6	0
B5316A1		F, BLOCK	0	0
COLORO		288A	0	0
B5316A2		F, BLOCK	0	0
B5316A2	R.E.C.	F, BLOCK	3	— 0
B5316A2	R.E.C.	F, BLOCK	8	1 hae
B5316A2		F, BLOCK	0	0
B5316A2		F, BLOCK	0	0
B5316A1		F, BLOCK	13	13
B5316A1		F, BLOCK	10	10
TEXAS PATNA		272 C		
P.I. 175, 473 (INDIA)		318		1
P.I. 175, 474 (INDIA)		319		1
P.I. 184, 676 (IRAN)		348	0	
P.I. 184, 676 (IRAN)		348	0	
P. I 184, 676		348	0	
P. I 175, 473		318	0	
P. I 175, 473		318		2

Parent material (Transplant)

4626 ✓

4536 ✓

4382 no seed

4361 ✓ ✓ tall + ✓ good 2nd growth

4427 ✓

4430 ✓

2032 ✓

2032 ✓

2032 ✓

2032 ✓

2032 ✓

2032 ✓

2032 ✓

4716 no seed

4623 ✓

4635 no seed

4634 no seed

5530
5552 (2 pl)

6376^{to 78} highly
succ. to Ho

5663
62

5707

5709

10

11

12

13

14

16 (1 pl)

22

23

24

25

26

27

200
100
50
25

100
50
25

100
50
25

100
50
25

Narrow leaf & narrow top stem and
long slender grain see row 7031-3

7002

7005

7007

7009

73
77
84

To Harvest

6517

18

19

20

21

22

24

6531

6537

6550

cut and destroy and destroy

7105

7147

7106

7148

7108

7150

7109

7154

7111

7151

7120

7160

7121

7171

7123

7172

7124

7126

7127

7218

7220

7221

7224

7225

7226

7227

7228

7229

7230

7231

Book-4

EAGLE LAKE

**U. S. DEPARTMENT OF AGRICULTURE
AGRICULTURAL RESEARCH ADMINISTRATION**

**BUREAU OF PLANT INDUSTRY, SOILS
AND AGRICULTURAL ENGINEERING**

CEREAL CROPS AND DISEASES

AGRONOMIC NOTES

Angedton

on May 19th the 9200+9300
rows have a BBT appearance &
9400 + 9500 are like Cent. (Virginia)

~~New~~ New Way Courts,
Eagle Lake

SOWN APRIL 15th, 1954

Visited Plots on May 19
" " " July 27

" " Sept 9

927R 9/9

9563

1.2 miles

102 from Road

own 9/15/54
Lans

Cherry

Princeton Canal

Sown in 12" rows, 15 feet long
Sown 4/15/54 in moist seed bed

9800	9801
9600	9601
9400	9401
9200	9201
	9001

Canal

----- TEST OF -----, 19-----

CONDITIONS OF EXPERIMENT

PLOT

Location-----

Size-----

SOIL

Kind-----

Position-----

Previous crop-----

NAME AND CONDITION OF MACHINERY

Plow-----

Disk-----

Harrow-----

Seeder-----

SEED

Variety-----

Weight per bushel-----

Source-----

Treatment-----

SEED BED

Preparation :

1. -----

2. -----

3. -----

4. -----

5. -----

6. -----

SEEDING

Manner-----

Date-----

Rate-----

TEST OF _____, 19____

CONDITIONS OF EXPERIMENT

PLOT

Location_____

Size_____

SOIL

Kind_____

Position_____

Previous crop_____

NAME AND CONDITION OF MACHINERY

Plow_____

Disk_____

Harrow_____

Seeder_____

SEED

Variety_____

Weight per bushel_____

Source_____

Treatment_____

SEED BED

Preparation :

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

SEEDING

Manner_____

Date_____

Rate_____

..... TEST OF, 19.....

CONDITIONS OF EXPERIMENT

PLOT

Location.....

Size.....

SOIL

Kind.....

Position.....

Previous crop.....

NAME AND CONDITION OF MACHINERY

Plow.....

Disk.....

Harrow.....

Seeder.....

SEED

Variety.....

Weight per bushel.....

Source.....

Treatment.....

SEED BED

Preparation :

1.

2.

3.

4.

5.

6.

SEEDING

Manner.....

Date.....

Rate.....

TEST OF _____, 19____

CONDITIONS OF EXPERIMENT

PLOT

Location_____

Size_____

SOIL

Kind_____

Position_____

Previous crop_____

NAME AND CONDITION OF MACHINERY

Plow_____

Disk_____

Harrow_____

Seeder_____

SEED

Variety_____

Weight per bushel_____

Source_____

Treatment_____

SEED BED

Preparation :

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

SEEDING

Manner_____

Date_____

Rate_____

----- TEST OF -----, 19-----

CONDITIONS OF EXPERIMENT

PLOT

Location-----

Size-----

SOIL

Kind-----

Position-----

Previous crop-----

NAME AND CONDITION OF MACHINERY

Plow-----

Disk-----

Harrow-----

Seeder-----

SEED

Variety-----

Weight per bushel-----

Source-----

Treatment-----

SEED BED

Preparation :

- 1. -----
- 2. -----
- 3. -----
- 4. -----
- 5. -----
- 6. -----

SEEDING

Manner-----

Date-----

Rate-----

TEST OF _____, 19_____

CONDITIONS OF EXPERIMENT

PLOT

Location_____

Size_____

SOIL

Kind_____

Position_____

Previous crop_____

NAME AND CONDITION OF MACHINERY

Plow_____

Disk_____

Harrow_____

Seeder_____

SEED

Variety_____

Weight per bushel_____

Source_____

Treatment_____

SEED BED

Preparation:

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

SEEDING

Manner_____

Date_____

Rate_____

----- TEST OF -----, 19-----

CONDITIONS OF EXPERIMENT

PLOT

Location-----

Size-----

SOIL

Kind-----

Position-----

Previous crop-----

NAME AND CONDITION OF MACHINERY

Plow-----

Disk-----

Harrow-----

Seeder-----

SEED

Variety-----

Weight per bushel-----

Source-----

Treatment-----

SEED BED

Preparation :

1. -----

2. -----

3. -----

4. -----

5. -----

6. -----

SEEDING

Manner-----

Date-----

Rate-----

TEST OF _____, 19_____

CONDITIONS OF EXPERIMENT

PLOT

Location_____

Size_____

SOIL

Kind_____

Position_____

Previous crop_____

NAME AND CONDITION OF MACHINERY

Plow_____

Disk_____

Harrow_____

Seeder_____

SEED

Variety_____

Weight per bushel_____

Source_____

Treatment_____

SEED BED

Preparation:

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

SEEDING

Manner_____

Date_____

Rate_____

SAMPLE PAGE

VARIETAL TEST OF OATS, 1908

CONDITIONS OF EXPERIMENT

PLOT

Location.....Field H.
Size.....1/20 acre.

SOIL

Kind.....Prairie loam.
Position.....Somewhat rolling.
Previous crop.....Corn.

NAME AND CONDITION OF MACHINERY

Plow.....
Disk.....Osborn.....Sharp.
Harrow.....U Bar.....Good.
Seeder.....Monitor.....Good.
.....

SEED

Variety.....Variable.
Weight per bushel.....Variable.
Source.....Variable.
Treatment.....Fanned clean and treated for smut.

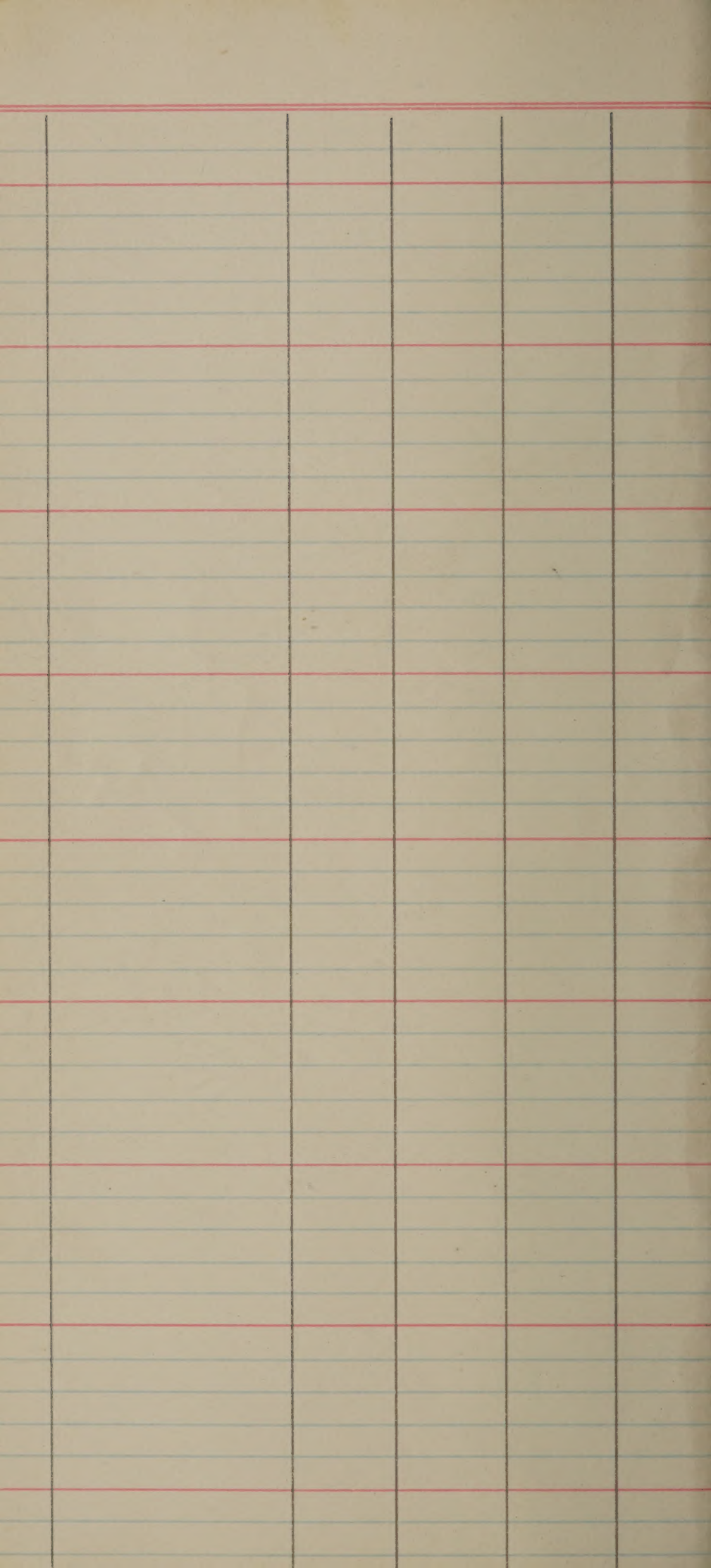
SEED BED

Preparation :

1. Disked (lapped half).....4-6-'08.
2. Disked (lapped half).....4-10-'08.
3. Harrowed.....4-10-'08.
4. Harrowed.....4-27-'08.
5. Seeded.....4-27-'08.
6. Harrowed.....4-27-'08.

SEEDING

Manner.....Drilled.
Date.....4-27-'08.
Rate.....3 bushels per acre by weight.



Shot head note = Distorted Panel
Branches

		Legs		
9001	F4, B505A1-2-4, 1	Cent-23	x H 0-12.	
		5	100	3812
9002	" A1-2-5,	5	" 90	✓
9003	" A1-2-6,	5	" 90	✓
9004	F4, B505A1-8-4,	4	" 90	3824
9005	A1-8-5	4	" 90	✓
9006	A1-8-6	4	" 90	✓
9007	A1-9-7	5	100	3825
9008	-8	4	90	✓

Sh. Run

degree 70

B505A 1-9-9, Cent 231 x H012

5 50
sup?

9009

B505A 1-11-7, 3 20

9010

X

-8, 3 30

9011

X

-9, 3 30

9012

X

B505A 1-13-7, 5 100

9013

extreme case of Sh. Run

-8, 4 100

9014

-9, 5 100

9015

B505A 1-15-7, 3 100

9016

9017	8505A1-15-8	Cont 231 x H012	4	95	3831	
9018	-9	3	"	80	✓	Sept V. juv R
9019	8505A1-18-7,	5	"	90	3834	
9020	-8,	5	"	95	✓	
9021	-9,	5	"	90	✓	
9022	8505A1-27-7,	5	"	100	3843	
9023	-8,	5	"	100	✓	
9024	-9,	5	"	100	✓	Short head V. senes

Deger 70

B505A1-28-7, Cont 231 x HD12	4	75	9025
-8,	4	95"	9026
-9,	5	95"	9027
B505 A 1-36-7,5	100"		9028
-8,5	95"		9029
-9,5	100"		9030
B505A1-34-7,	5	90"	9031
2 normal lido			
-8,5	90"		9032

Page

B505A1-34-9, Cont 23/x H012

9033

5

90

3850

B505A1-38-7,

9034

"

4

90

3854

Sign. (few R)

-8,

9035

"

5

95

✓

-9,

9036

"

5

90

✓

B505A1-44-7,

9037

5 "

90

3860

-8,

9038

"

5

95

✓

-9,

9039

"

4

90

✓

Sign. (few R)

B505A1-45-7,

9040

"

5

100

3861

	neg.	90	
BS05A1-45-8,	5	Cent 231 x H012	9041
		Short Pan (Succ)	
	-9,	"	
	5	100	9042
BS05A1-56-7,	5	"	
		90	9043
		am or 2 good plants	X
	-8,	"	
	5	95	9044
	-9	"	
	5	95	9045
BS05A1-59-7,	5	"	
		100	9046
	-8,	"	
	5	100	9047
	-9,	"	
	5	95	9048
		Segr. V. few R	X

9049 B505A1-62-7, *Repe 90* Cent 23/x H 012 5 90 3878

X 9050 -8, 5 90 ✓
Segm. V. fur R.

X 9051 -9, 4 90 ✓
Segm. V. fur R?

9052 B505A1-63-7, 5 90 3879

9053 -8, 5 100 ✓
short hd severe.

9054 -9, 4 85 ✓
Segm (1-7 2 R)

9055 B505A1-64-7, 4 95 3880

X 9056 -8, 4 95 ✓

B505A1-64-9,	Cent 231x H612	5	100	9057
B505A1-66-7,	5	" 1005 4	100	9058
-8,	"	5	100	9059
-9,	"	5	95	9060
B505A1-67-7,	"	5	100	9061
-8,	"	5	100	9062
-9,	"	5	100	9063
B505A1-72-7,	"	5	100	9064

B505A1-72-8, Ccnt 231 x H012

9065

5

85

3888

9066

-9,

5

95

✓

Segreg.

B505A1-79-7

9067

"

34

6085

3905

Segreg. (fuo R)

9068

-8

"

5

95

✓

9069

-9

"

5

100

✓

B505A1-90-7,

9070

"

4

80

3910

9071

-8,

"

5

95

✓

9072

-9,

"

5

95

✓

Segreg. (fuo R)

23 B506A1-5-7, Cent 231 x HD 10
5 100 9073

-8, 5 90 9074
Segs. (V. juv R)

-9, 5 95 9075
Segs. (V. juv R)

24 B506A1-4-7, Cent 231 x HD-10
1 10 9076
v tall plants

-8, 2 50 9077

-9, 4 90 9078

30 B506A1-10-7, 4 90 9079
Segs. (V. juv R)

-8, 5 100 9080

9081	B506A1-10-9,	Regue 90 Cent 231 x HD-10 5 90 Segs. (few R)	3930
9082	B503A1-10-7,	BBT x Z 4 80 Segs. (few R)	3977
9083	-8, Segs mat.	" 5 80 Segs. (some R)	✓
9084	-9,	" 5 90 Segs. (V. few R)	✓
9085	B503A1-15-7,	" 4 85 Segs. (Some R)	3982
9086	-8,	" 5 95 Segs. (Some R)	✓
9087	-9,	" 4 80 Segs. (Some R)	✓
9088	B501A1-6-7, BBT x B433A2-6	5 95	4022

22	B501A 1-6-8, BBT x B 433 A2-6	5	95	9089
----	-------------------------------	---	----	------

	-9,	"	5 95	9090
--	-----	---	------	------

26	B501A 1-10-7,	"	5 98 100	9091
----	---------------	---	---------------------	------

	-8,	"	5 85	9092
--	-----	---	------	------

	-9,	"	5 100	9093
--	-----	---	-------	------

42	B501A 1-26-7,	"	0 0	9094
----	---------------	---	-----	------

	-8,	"	0 0	9095
--	-----	---	-----	------

	-9,	"	0 0	9096
--	-----	---	-----	------

could these be Century Note?

		degree		
9097	B50/A1-32-7,	BBT x B433A2-6	4048	
		5	90	
9098	-8,	5	" 95	✓
9099	-9,	5	" 95	✓
9100	B50/A1-33-7,	4	" 5	4049
9101	-8,	5	" 10	✓
9102	-9,	5	" 5	✓
9103	B50/A1-34-7,	4	" 15	4050
9104	-8	5	" 60	✓

050	B501A1-34-9, BB ^t x B433A2-6	4	50	9105
056	B501A1-40-7,	"	#4 95	9106
✓	-8,	"	54 95	9107
✓	-9,	"	4 90	9108
68	B501A1-52-7,	"	5 95	9109
✓	-8,	"	5 85 (Escapes)	9110
✓	-9,	"	4 90	9111
04	B501A1-83-7,	"	5 50 (Escapes)	9112

850/A1-83-8, BBT x 8433A2-6

9113

5 85 4104

9114

-9,

4 " 50 ✓

X
9115

850/A1-87-7,

5 " 85 4108

9116

-8,

5 " 60 ✓

9117

-9,

4 " 50 ✓

X
9118

850/A1-89-7,

5 " 90 4110

9119

-8,

5 " 90 ✓

9120

-9,

5 " 95 ✓

BS01A1-95-7, BBt x B433A2-6
5 95 9121

X

-8, 5 " 95 9122

-9, 4 " 85 9123

BS01A1-98-7, 4 " 5 9124

-8, 3 " 5 9125

-9, 3 " 5 9126
shorter than than others

X

BS08A1-2-7, BBt x HD10
4 90 9127

-8, 5 60 9128

9129	B508A1-2-9, BBT x HO-10	3	20	4/30
------	-------------------------	---	----	------

9130	B508A1-5-7,	"	4 60	4/39
------	-------------	---	------	------

9131	-8,	"	4 50 leaves?	✓
------	-----	---	-----------------	---

9132	-9,	"	4 40 leaves?	✓
------	-----	---	-----------------	---

9133	B508A1-11-7,	"	5 90	4/45
------	--------------	---	------	------

9134	-8,	"	5 95	✓
------	-----	---	------	---

9135	-9,	"	5 95	✓
------	-----	---	------	---

9136	B508A1-15-7,	"	4 30	4/49
------	--------------	---	------	------

✓	✓				
49	B508A 1-15-8, B8t x HD-10	4	30	9137	X
✓	-9,	4	30	9138	
55	B508A 1-21-7, V. early row beg mostly R	5	5	9139	X
✓	-8,	4	80 degn. (wind R)	9140	
✓	-9,	4	90	9141	
57	B508A 1-23-7,	4	30	9142	X
✓	8,	4	50	9143	
✓	9, mostly non reader, V severe	5	100	9144	

9145	B508A1-25-7, B8tx H0-10	5	100	4159
		V severe		
9146	-8,	"	5 95	✓
		V severe		
9147	-9	"	5 100	✓
		V severe		
9148	B508A1-34-7,	"	4 90	4168
9149	-8,	"	4 25	✓
9150	-9,	"	4 10	✓
	gun strained cov.			
9151	B508A1-36-7,	"	5 100	4170
9152	-8,	"	5 100	✓

mostly non-leads

70 B508A1-36-9, BBT x HD-10 5 100 9153

73 B508A1-39-7, 5 " 95 9154

-8, 4 " 80 9155
X

-9, 5 " 100 9156

14 ~~B508A2-70-2~~
late
B508A2-65-7 4 " 40 9157

early -8, 2 " 70 9158

early -9, 5 " 100 9159

20 ~~B508A2-76-2~~
B508A2-73-1 3 " 15 9160
X

9161	B508A2-76-8, BB x 10-10	4	60	4220
9162	-9,	4	" 75	✓
9163	B508A2-79-7,	4	" 60	4223
9164	-8,	4	" 60	✓
9165	-9,	4	" 60	✓
9166	B508A2-96-7,	10	" 100	424
9167	-8,	10	" 100	✓
9168	-9,		" 10-100	✓

in west plantation & BB
no growth failed to breed, do these
a late seedling now?
most severe case of etc.
head shrunken

42 B508A2-98-7, BBT x HO-10 9169
5 95

-8, " 9170
5 100

-9, " 9171
5 95

44 B508A2-100-7, " 9172
early 5 90
Segs. (for R)

-8, " 9173
v. late 5 100
mostly non-head. (like 9166)

-9, " 9174
early 5 60
Segs. (consider R)

47 B507A1-3-7, BBT x HO-12 9175
4 5
wide lines, drooping leg habit.

-8 9176
4 70

9177	B507A1-3-9, Bbt x HO-12	4	50	4247
------	-------------------------	---	----	------

9178	B507A1-6-7,	"	4	50	4250
------	-------------	---	---	----	------

9179	-8,	"	3	40	✓
------	-----	---	---	----	---

9180	-9,	"	5	80	✓
------	-----	---	---	----	---

9181	B507A1-9-7,	"	5	60	4253
------	-------------	---	---	----	------

9182	-8,	"	4	20	✓
------	-----	---	---	----	---

9183	-9,	"	5	85	✓
------	-----	---	---	----	---

9184	B507A1-24-7,	"	4	85	4268
------	--------------	---	---	----	------

68 B507A 1-24-8, BB+ x Ho-12 5 5 9185

-9, " 5 15 9186

70 B507A 1-26-7, " 5 85 9187

-8, " 5 95 9188

-9, " 4 50 9189

73 B507A 1-29-7, " 4 15 9190

-8, " 54 90 9191

-9, " 4 70 9192

9193	B507A1-31-7, BBt x HD-12	4	5	4275
9194	-8,	" 4	10	✓
9195	-9,	" 0	0	✓
9196	B507A1-40-7,	" none		4284
9197	-8,	" none		✓
9198	-9	" none		✓
9199	B507A1-43-7,	" 5	50	4287
9200	-8,	" 3	40	✓

moved from to C.O

287	B507A1-43-9, BBT x HO-12	4	65	9201
311	B507A1-58-7,	"	4 20	9202
✓	-8,	"	4 10	9203
✓	-9,	"	0 0	9204
	all straw hulls, highly S & C almost as long as BBT			3 bunches?
317	B507A1-64-7,	"	4 30	9205
✓	-8,	"	4 10	9206
✓	-9,	"	0 0	9207
354	B507A1-101-7,	"	0 0	9208

9209	B507A1-101-8, BBT x HD-12	4	10	4354
------	---------------------------	---	----	------

9210	-8	0	0	✓
------	----	---	---	---

9211	B507A1-107-9,	3	" 10	4360
------	---------------	---	------	------

9212	-8	0	" 0	✓
------	----	---	-----	---

9213	-9	0	" 0	✓
------	----	---	-----	---

9214	B504A1-1-7 Z x B493A2-6	3	30	4383
------	-------------------------	---	----	------

9215	-8	" 3	50	✓
------	----	-----	----	---

9216	-9	" 3	70	✓
------	----	-----	----	---

890	B504A1-8-7,	887-112-78	2 x B433A2-6	4 25	9217
	-8,	"		3 20	9218
	-9	"		3 10	9219
407	B504A1-15-7,	"		5 85	9220
	-8,	"		5 50	9221
	-9,	"		5 90	9222
19	B504A1-27-7,	"		5 50	9223
	-8,	"		5 70	9224

35
9225 B504A1-27-9, Z x B433A2-6
5 60 441

9226 B504A1-33-7,
4 " 10 442

9227 -8
4 " 5 ✓

9228 -9
0 " 0 ✓

9229 B504A1-53-7,
- 4 " 10 444

9230 -8,
4 " 70 ✓

9231 -9,
4 " 25 ✓

9232 B504A1-61-7,
5 " 60 4453
may be cont.

B504A1-61-8, 2 x B483A2-6

5 60 9233

maybe Cent

-9,

"

5 60 9234

maybe Cent.

*Butcher - few berries
from each end*

B504A1-65-7,

4 " 50 9235

-8,

"

4 20 9236

B504A1-92-7,

1 " 95 9237

-8,

"

1 95 9238

-9,

"

1 95 9239

B504A1-94-7,

4 " 20 9240

9241	B504A1-94-8, 2 x B433A2-6	5	75	4486
------	---------------------------	---	----	------

9242	-9,	4	" 70	✓
------	-----	---	------	---

9243	B504A1-95-7,	4	" 80	4487
------	--------------	---	------	------

9244	-8,	4	" 95	✓
------	-----	---	------	---

9245	-9,	4	" 95	✓
------	-----	---	------	---

9246	B504A1-97-7,	4	" 95	4489
------	--------------	---	------	------

9247	-8,	4	" 100	✓
------	-----	---	-------	---

9248	-9,	3	" 95	✓
------	-----	---	------	---

4502 B504A1-100-7, 2 x B433A2-6. 9249
 5 100

✓ -8, 4 " 100 9250

✓ -9, 4 " 100 9251

4508 B504A1-106-7, 4 " 70 9252

✓ -8, 4 " 75 9253

✓ -9, 4 " 75 9254

4512 B504A1-110-7, 4 " 90 9255

✓ -8, 4 " 90 9256

9257 B504A1-110-9, 2 x B433A2-6
4 98 4512

9258 B504A1-112-7, " 5 75 4514
X Sep (fem R)

9259 -8, " 5 85 ✓
Sep, ? (v fem R)?

9260 -9, " 5 70 ✓
Sep, (fem R)

9261 B502A2-1-7, B8t. x Cent. 5 20 4518
71.7

9262 -8, " 5 10 ✓
XX

9263 -9, " 5 20 ✓

9264 B502A2-2-7, " 0 0 4519
X

			degree 70	
19	B502A2-2-8,	BBt x Cent.	Tr	9265
			Best from agromony	
	-9,	"	0	9268
23	B502A2-6-7,	5	" 90	9267
			Segn. (Some R)	
	-8,	5	" 100	9268
	-9,	4	" 100	9269
24	B502A2-7-7,	0	" 0	9270
	-8,	0	" 0	9271
	29.0 +4.0	-	25.0	
	-9,	0	" 0	9272

		Dequ	Parent age	
9273	B502A2-8-7,	BBt. x Cent	4525	
			4	5 ✓
9274	-8,	"	5	10 ✓
X	mostly cent connection			
9275	-9,	"	5	15 ✓
9276	B502A2-9-7,	"	4	10 4526
9277	-8,	"	4	5 ✓
X				
9278	-9,	"	4	10 ✓
9279	B502A2-11-7,	"	4	85 4528
9280	-8,	"	4	10 ✓
X				

28	B502A2-11-9,	BBt x Cont. 4 80	9281
29	B502A2-12-7,	0 " 0	9282
			X
	-8,	4 " 40	9283
	-9,	4 " 50	9284
		Sign (many R)	
3	B502A2-16-7,	4 " 50	9285
		Sign (many R)	
	-8,	4 " 10	9286
		(Sep. Monthly R)	
	-9,	3 " 10	9287
			X
35	B502A2-18-7,	4 " 90	9288

~~B502A2-18-8~~ B502A2-18-8, BBt x Cont.

9289

4

80

453

9290

-9,

"

4

90

✓

B502A2-19-7,

"

9291

4

85

453

9292

-8,

"

3

90

✓

9293

-9,

"

4

15

✓

B502A2-20-7,

"

9294

5

100

453

9295

-8,

"

5

100

✓

9296

-9,

"

5

100

✓

B502A2-23-7,	B Bt. y Cent.	9297
	4 85	
-8,	"	9298
	4 80	
-9,	"	9299
	0 0	
<i>Sub to CO</i>		X
B502A2-24-7,	"	9300
	4 30	
<i>R to CO</i>	<i>Segs. (monthly R)</i>	X
-8,	"	9301
	5 40	
-9,	"	9302
	5 100	
B502A2-28-7,	"	9303
	5 100	
-8,	"	9304
	5 100	

02
9305 B502A2-28-9, BBT x Cent. 5 100 4545

9306 B502A2-30-7, " 4 95 4547

9307 -8, " 3 15 ✓

X
9308 -9, " 4 80 ✓

9309 B502A2-31-7, " 5 100 4548

9310 -8, " 5 100 ✓

9311 -9, " 5 100 ✓

9312 B502A2-32-7, " 5 100 4549

49 B502A2-32-8, BBt x Cent. 5 100 9313

-9, 5 " 100 9314

53 B502A2-36-7, 4 " 10 9315

-8, 4 " 5 9316

-9, 0 " 0 9317

55 B502A2-38-7, 3 " 95 9318

-8, 3 " 60 9319
Lepr. (many R)

-9, 4 " 50 9320

9321	B502A2-39-7,	BBT, x Cent,	5	100	4556
9322	-8, X <i>Taller slater than 9323</i>	$\frac{4}{3}$	"	10	✓
9323	-9, X	4	"	5	✓
9324	B502A2-40-7,	4	"	15	4556
9325	-8,	4	"	90	✓
9326	-9,	4	"	85	✓
9327	B502A2-43-7,	4	"	90	4556
9328	-8,	4	"	10	✓

60	B502A2-43-9,	BBT, x Cent.	4	10	9329
61	B502A2-44-7,		3	" 5	9330
	Highly S to CO				
	-8,		3	" 5	9331
	deep for CP				
	Sowed plants on 9/9				XX
	-9,		5	" 1	9332
	Cent Mat				
	Highly R				X
62	B502A2-45-7,		5	" 2	9333
	Cent Mat on later				
	Highly R				
	Rather tall				X
	-8,		4	" 5	9334
	Cent Mat				
	-9,		5	" 100	9335
63	B502A2-46-7,		4	" 95	9336

9337 B502A2-46-8, BBT. x Cont.
4 30 4563

9338 -9, " 5 100 ✓

9339 B502A2-48-7, " 4 60 4565

9340 -8, " 4 80 ✓

9341 -9, " 4 5 ✓

9342 B502A2-50-7, " 5 100 4567

9343 -8, " 5 100 ✓

9344 -9, " 5 100 ✓

68 B502A2-51-7, BBT x Cent. 9345
4 20

-8, 4 " 15 9346
X

-9, 4 " 80 9347

74 B502A2-57-7, " 90 9348
early leg (Some R) X

-8, 5 2 9349
early mostly R

-9, 5 80 9350
early leg (Hw R)

76 B502A2-59-7, " 0 0 9351
X

90.0 +2.0 2 53.5
-8, " 100 9352

9353	B502A2-59-7,	BBt. x Cent.	4	95	457
9354	B502A2-60-7, R to CO	"	4	10	457
9355	-8, S to CO	"	4	5	✓
9356	-9, S to CO	"	4	5	✓
9357	B502A2-61-7,	"	4	15	457
9358	-8,	"	4	20	✓
9359	-9	"	4	90	✓
9360	B502A2-66-7,	"	5	100	458

83	B502A2-66-8,	BBt, x Cent.	5	100	9361
	-9,	"	5	100	9362
86	B502A2-69-7,	"	4	95	9363
	-8,	"	4	5	9364
					X
	-9,	"	3	95	9365
88	B502A2-71-7,	"	4	90	9366
	-8,	"	4	85	9367
	-9,	"	4	80	9368

9369 B502A2-74-7 BBT x Cont
4 80 4601

9370 -8,
4 " 95 ✓

9371 -9,
5 " 100 ✓

9372 B502A2-76-7
4 " 85 4603

9373 -8,
4 " 90 ✓
X
Segr.

9374 -9,
4 " 90 ✓
Segr.

9375 B502A2-77-7
5 " 100 4604

9376 -8,
5 " 100 ✓

04 B502A2-77-9, BBT. x Cent. 4 95 9377

05 B502A2-78-7, 5 " 100 9378

✓ -8, 4 " 85 9379
 Used 2 bundles Luce heads
 1 bundle. Resistant

-9, 5 " 100 9380

06 B502A2-79-7, 5 " 100 9381

✓ -8, 5 " 100 9382

-9, 5 " 100 9383

07 B502A2-84-7, 4 " 5 9384

9385	B502A2-84-8,	BBT. x Cent.	4	5	4611
9386	-9,	"	4	5	✓
9387	B502A2-85-7,	"	5	100	4612
9388	-8,	"	5	100	✓
9389	-9,	"	5	100	✓
9390	B502A2-86-7,	"	4	20	4613
9391	-8,	"	4	60	✓
9392	-9,	"	4	60	✓

6/8 B502A2-91-7, BBT. x Cent. 4 60 9393

-8, " 5 20 9394
Segs. (Conrad R.)

-9, " 5 100 9395

623 B502A2-96-7, " 3 1% 9396
Resistant Row

-8, " 5 65 9397
Segs (Manny R.)

-9, " 5 100 9398

624 B502A2-97-2 5 " 100 9399

-8, " 3 5 9400

Anticipatory goal

82
9401 B502A2-97-9, BBT. & Cont. 0 0 4624

9402 B502A2-98-7, 3 " 5 4625

9403 -8, 3 " 5 ✓

9404 -9, 4 " 10 ✓

9405 B502A2-99-7 4 " 5 4626

9406 -8, 4 " 5 ✓

9407 -9, 4 " 5 ✓
V green stream, early short stream

9408 B502A2-102-7, 4 " 90 4629

29 B502A2-102-8, RBT x Cent 9409
4 95

-9, 4 " 95 9410

30 B502A2-103-7, 4 " 20 9411

-8, 0 " 0 9412

-9, 5 " 30 9413
Some V. early
less Mat segs. (many R)
V. short sturdy stem

32 B502A2-105-7, 5 " 100 9414

-8, 5 " 80 9415
segs.

-9, 5 " 90 9416

9417	B502A2-106-7, BBT x Cent.	5	90	463	
		Segs?			
9418	mostly Cent mat uni. ht, good Ant appearance Nail 2 lumps (P)	-8,	0	0	✓
					Highly resistant Highly St CD
9419	Severely and R heads some S heads	-9,	5	50	✓
					Seg. (Some R)
9420	B502A2-107-7,		5	100	463
9421		-8,	5	100	✓
9422		-9,	5	100	✓
9423	B502A2-108-7,		4	100	463
9424		-8,	4	90	✓

35	B502A2-108-9,	BBT _x Cent.	4	90	9425
37	B502A2-110-7,	"	4	90	9426
	-8,	"	4	85	9427
	-9,	"	4	90	9428
39	B502A2-112-7,	"	4	5	9429
	-8,	"	4	5	9430
	-9,	"	0	0	9431
40	88.0 +2.0 3 34.5 B502A2-113-7,	"	0	0	9432
	88.0 +2.0 3	34.5			

B502A2-113-8, BBT x Cent

9433

0

0

4640

89.0

+3.0

3

28.0

-9,

"

9434

0

0

✓

84.0

-2.5

3

33.0

B502A2-114-7,

"

9435

4

5

4641

-8,

"

9436

4

20

✓

-9,

"

9437

4

20

✓

B502A2-117-7,

"

9438

0

0

4644

-8,

"

9439

0

0

✓

-9,

"

9440

0

0

✓

46 B502A2-119-7 BBtx Cent. 9441

84.0 -2.0 3 23.0

-8,

0

"

0

9442

90.0 +4.0 3

-9,

4

21.5

"

10

9443

96.0 +2.0 3

B502A2-122-7,

4

21.0

"

5

9444

-8,

4

"

10

9445

-9,

4

"

5

9446

50 B502A2-123-7,

1

10

9447

V. early

rather tall

Highly R

-8,

1

10

9448

V. early

rather tall

Highly R

63
9449 B502A2-123-9, BBx Cent.
V early rather tall 10 4650
Highly R.

9450 B502A2-131-7, 4 5 4658

9451 -8, 4 5 ✓

9452 -9, 0 0 ✓

9453 B502A2-132-7, 5 5 465

9454 -8, 5 70 ✓
tall

9455 -9, 4 5 ✓
all 3

9456 B502A2-134-7, 0 0 466

B502 A2-134-8, BBt. x Cont 9457

-9, 0 " 0 9458

B502 A2-138-7, 5 " 90 9459

-8, 5 " 60 9460
 Ant or earlier
 shorter than 9459, 60 (leg)
 green shaded

-9, 5 " 85 9461

B502 A2-142-7, 0 " 0 9462

-8, 4 " 5 9463

-9, 4 " 5 9464

green shaded

9465	B502A2-144-7g	BBt.x Cent.	4	20	4671
9466		-8,	4	" 20	✓
9467		-9,	0	" 0	✓
9468	B502A2-150-7,		4	" 95	4677
9469		-8,	0	" 0	✓
9470		-9,	4	" 90	✓
9471	B502A2-154-7, Earlier than others Sep.		0	" 0	4680
9472		88.0	0	3.	29.0
		-8,	0	" 0	✓
		88.0	0	3	31.0

B502A2-154-9	BBT x Cent.	0	0	9473
87.5 -0.5	3	30.0		
B502A2-156-7		4	" 10	9474
-8,	0	"	0	9475
-9,	0	"	0	9476
B502A2-158-7		4	" 10	9477
-8,	4	"	30	9478
-9,	4	"	30	9479
B502A2-160-7		4	" 95	9480
probably didn't save as all straight fruit or few grains on each head Suspect to BBT / 2d				

9481	B502A2-160-8, BBT. x Cent.	4	25	4680
X	seg for str head			
9482	-9,	4	" 5	✓
X	R to str head			
9483	B502A2-161-7,	5	" 30	4687
		(seg)		
9484	-8,	5	" 75	✓
		seg		
9485	-9,	5	" 80	✓
X		seg		
9486	B502A2-165-7,	4	" 30	4701
X				
9487	-8,	4	" 25	✓
9488	-9,	0	" 0	✓
X	gem stained			

B502A2-171-7,	BBT. x Cent.	9489
	4 15	

-8,	"	9490
	4 95	

-9,	"	9491
	4 95	

B502A2-172-7,	"	9492
	0 0	

-8,	"	9493
	0 0	
Lusc to CO		

-9,	"	9494
	0 0	
Segn CO		

B502A3-1-7,	"	9495
	4 5	
prim shaved		

-8,	"	9496
	4 5	

88
9497 B502A3-1-9, BBT. x Cent.
4 95 4714

9498 B502A3-2-7,
3 100 4715

9499 -8,
3 100 ✓

9500 -9,
4 95 ✓

9501 B502A3-16-7,
4 75 4729

9502 -8,
4 75 ✓

9503 -9,
4 5 ✓

X
9504 B502A3-18-7,
0 0 4731
X

B502A3-18-8, BBT x Cont 9505
4 5

-9, " 9508
3 30

B502A3-28-7, " 9507
4 5
Segs (Some R)

-8, 5 " 9508
75
Segs (Some R)

-9, 5 " 9509
100

B502A3-32-7, " 9510
4 5

-8, 4 " 9511
95

-9, 3 " 9512
95

Century map, gold
rather short straw
sturdy straw.

88

9513	B502A3-35-7,	BBt.xCent,	4	10	4748
------	--------------	------------	---	----	------

9514	-8,		3	" 5	✓
------	-----	--	---	-----	---

9515	-9,		0	" 0	✓
------	-----	--	---	-----	---

9516	B502A3-37-7,		4	" 20	4730
------	--------------	--	---	------	------

9517	-8,		4	" 20	✓
------	-----	--	---	------	---

9518	-9,		0	" 0	✓
------	-----	--	---	-----	---

9519	B502A3-42-7,		4	" 30	4756
------	--------------	--	---	------	------

9520	-8,		4	5	✓
------	-----	--	---	---	---

B502A3-43-7,	BBt. x Cent	9521
--------------	-------------	------

B502A3-47-7,	"	9522
--------------	---	------

-8,	"	9523
-----	---	------

-9,	"	9524
-----	---	------

B502A3-51-7,	"	9525
--------------	---	------

-8,	"	9526
-----	---	------

-9,	"	9527
-----	---	------

B502A3-52-7,	"	9528
--------------	---	------

9529 B502A3-52-8, BBT. x Cent.
4 25 4765

9530 -9, " 3 5 ✓

9531 B502A3-53-7, " 4 10 4766

9532 -8, " 4 10 ✓

9533 -9, " 4 10 ✓

9534 B502A3-61-7, " 3 10 4774
Segs (mostly E)

9535 -8, " 3 25 ✓
Segs (mostly E)

9536 -9, " 4 70 ✓

Subfactor good

*Very noisy than bull
not too tall, good
some segs for mat*

*Deeply Suse
to C 0*

76 B502A3-63-7,	B.Bt.x Cent, Cent, xk	5 100	9537
all succ. by the fed, may not have her heads?			X
-8,	5	" 100	9538
-9,	4	" 50	9539
780 B502A3-67-7,		4 " 80	9540
-8,	5	" 100	9541
-9,	4	" 90	9542
781 B502A3-68-7,	5	" 100	9543
-8,	5	" 100	9544

88

9545	B502A3-68-9,	BBt x Cent,	5	100	478
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9546	B502A3-69-7,	"	4	5	4782
------	--------------	---	---	---	------

9547	-8,	"	4	5	✓
------	-----	---	---	---	---

Satisfactory good

9548	-9,	"	4	5	✓
------	-----	---	---	---	---

9549	B502A3-73-7,	"	5	100	4780
------	--------------	---	---	-----	------

9550	-8,	"	5	100	✓
------	-----	---	---	-----	---

9551	-9,	"	5	100	✓
------	-----	---	---	-----	---

9552	B502A3-76-7,	"	4	85	4782
------	--------------	---	---	----	------

189	B502A3-76-8,	BBt. x Cent.	9553
		4 50	
	-9,	" 15	9554
		4	
201	B502A3-78-7,	" 20	9555
		2	
	-8,	" 0	9556
		0	
	-9,	" 0	9557
		0	
202	B502A3-79-7,	" 100	9558
		5	
	-8,	" 100	9559
		5	
	-9,	" 100	9560
		5	

Cent materials good

88
9561 B502A3-82-7, BBT. x Cent.
X Sure to CO 4 5 4805

9562 -8, " 4 100 ✓

9563 -9, " 0 0 ✓
X Recd to CO

9564 B502A3-89-7, " 4 85 4812
X Seg (Some R)

9565 -8, " 5 95 ✓
Seg (V. for R)

9566 -9, " 5 100 ✓

9567 B502A3-95-7, " 5 100 4818

9568 -8, " 5 100 ✓

18 B502A3-95-9, BBT, xCent, 5 100 9569

19 B502A3-96-7, 4 " 100 9570

-8, 4 " 100 9571

-9, 4 " 100 9572

20 B502A3-97-7, 3 " 5 9573

Tail row
Satisfactory qual

with short row -8, 3 " 5 9574

Rather short row -9, 4 " 5 9575

23 B502A3-100-7, 4 " 5 9576

Satisfactory qual

9577 B502A3-100-8, BBT. x Cent. 4 5 4823

9578 -9, " 4 15 ✓

9579 B502A3-102-7 " 5 95 (Some R) 4823

9580 -8 " 5 95 (Some R) ✓

9581 -9, " 5 95 (Some R) ✓

9582 B502A3-103-7, " 5 100 4826

9583 -8, " 5 100 ✓

9584 -9, " 5 95 ✓

X mostly all str. Did we save hds

Satisfactory good
very growth habit on 5/19, are tall & vigorous
most have century

329 B502A3-106-7, BB x Cent. 9585
4 5

✓ *leaf gold* -8, 4 " 15 9586

✓ *leaf gold* -9, 4 " 20 9587

31 B502A3-108-7, " 85 9588
Early 4 Segs. (Some R)

✓ *early gold* -8, 4 10 9589
many R

✓ *Early straw* -7, 4 " 15 9590
many R

32 B502A3-109-7, " 100 9591
3

✓ -8, 3 " 100 9592

9593 B502A3-104-9, BBT. xCent.
5 100 4832

9594 B502A3-116-7, " 0 6 4838

9595 -8, " 0 0 ✓

9596 -9, " 0 0 ✓

9597 B502A3-118-7, " failed to head 4841

9598 -8, " failed to head ✓

9599 -9, " failed to head ✓

9600 B502A3-124-7, " 5 100 4847

47 B502A3-124-8, BBT, Cent. 9601

-9, 4 " 15 9602

354 B502A3-131-7, 4 " 20 9603

-8, 0 " 6 9604

-9, 4 " 5 9605

862 B502A3-139-7, 0 0 9606

Cent mat styge
un mat

-8, 4 " 90 9607
Segm (Sams R)

-9, 4 " 15 9608
Segm mat

9609 ~~B508~~ A~~1~~-88-7, BBT & HO-10 4932

9610 -8 4 10 ✓

9611 -9, 4 5 ✓

9609 soon here, not known where 9611 soon

9612 B53-5022-7 BBT Sel. (EWING A) 4 5 5023

9613 -~~8~~8 4 " 5 ✓

9614 -~~8~~9 0 " 0 ✓

9615 B53-5030-7, BBT Sel. EWING B) 4 10 5030

9616 -8, 4 11 15 ✓
V narrow leaves

B53-5030-~~8~~, BBT Sel. (EWing B) 9617
 4 10

B53-5068-7, (~~EWing~~ BBT 50 Sel. EWing J) 9618
 4 5
 good egg growth on 5/19

-8, " 9619
 0 0

-9, " 9620
 0 0

B53-5085-7, BBT 50 Sel. (HR) 9621
 0 0

-8, " 9622
 4 5

-9, " 9623
 0 0

B53-~~5085~~ 5090-7, " 9624
 0 0

3625	B53 - 5090 5098 - 8	BBT50 Sel (H.R.)	4	5	5090
3626			9, 4	" 5	✓
3627	1954 Uni Group No. 1 C.I. 1600 narrow leaves	Colusa 2		25 (MR)	1954 V ₁ N 1
3628	C.I. 8642	Cody 2		30 (MR)	2
3629	C.I. 5883	Early Prolific 2		50 (MS)	3
3630	C.I. 8985.	Lacross 2		25 (MR)	4
3631	C.I. 8318	Magnolia 2		15 (P)	5
3632	C.I. 7787	Zenith 1		20 (P)	6

B4310A1-20, (SmBR-BRVI x BR41-EP) 7 CI 8994	Segue 90 3 75	(S)	9633
42C 403 (53) 17, 250-3 x Mag. CI 9172	1324	50 (S)	9634
44C 507-4052, R-B Lfx Mag E CI 8998. (Nato)	2 50	(MS)	9635
44C 516 (52) 4090, Lac x Mag. E CI 9001.	1	50 (R)	9636
42C 403-103, Mag x 250-3, CI 8996.	E 2	40 (MR)	9637
C 4035, Mag x 4II-1-8 CI 9173	1 E	20 (R)	9638
B4564A 2-11-4-3, Bruin x NSFBE CI 9209	2 1	20 (R)	9639
Ca/-24/B5-2, Ca x LW	0	0 R	9640

9641	CI 7787	Sign 70 70 Zenith 0 0 (P)	Group III 145 125 No 21
9642	CI 8311	Prelude 0 0 (P)	122
9643	CI 8993.	Century Patna 231 3 10 (MR)	23
644	CI 9002.	Century 52 3 40 (MS)	24
9645	CI 8644	Remark 2 50 (MS)	25
9646	C50-4054 CI 9006.	R x Z 3 40 (MS)	26
9647	SP-14, CI 9008.	TP x R - SBR 5 80 Some R (VS)	27
9648	SP-16, CI 9009.	TP x R - SBR 5 100 (VS)	28

154 27. 10 9	S 4526 A3-49B2, TP49x (TPxR-SBR) CI 9010.	100 4 Segr	3 90 (VS)	9649
30	44C 521-4012, RxZ CI 9011.	40 3	3 90 (S)	9650
1	C 53-4059, 4 II-1-8 x 252 CI 9174	100 3	3 95 (S)	9651
2	B4512A1-20 Hill Sel x BBT CI 9108	2	50 MR	9652
3	Stg.- 511706, Hill Sel x (TPxR-SBR) E CI 9104.	50 2	2 50 MS	9653
4	B4524A1-43-3-2, TP49x (TPxR-SBR) CI 9114.	4	90 VS	9654
oup III 17	CI 2702	Nirz 4	50 3	9655
2	CI 8989.	Sunbonnet 5	100 VS	9656

9657	C.I. 8322	Bluebonnet	4	10 P	1954/51 NO 43
9658	CI 8990	Bluebonnet 50	4	5 (P)	44
9659	CI 8992.	Improved Bluebonnet	4	30 MS	45
9660	C.I. 1344	Fortuna	4	20 MR	46
9661	C4-II-8-14xBB† CI 9013 (T ₀₀₀)		4	15 (MR)	47
9662	B46-4799 CI 9014	Rogue	4	5 (P)	48
9663	S4542A2-49B-1, R-7699x(TPxR-SBR) CI 9016.		5	100 (VS)	49
9664	S4511A2-49B-2, Hill Sel. x (TPxR-SBR) CI 9017 Short Veg 5/19,		4	95 VS	50

54	46C 709, 4-II-8-14 x 4-II-1-8.	4	5	9665
51	CI 9175.		(P)	
2	46C 713, 4-II-8-14 x 322A6-23	4	90	9666
	CI 9176		VS	
2	8322847-12-2-4, R x F	4	20	9667
	CI 9115.		MR	
54	HO-421-2-1-1, TP x 83812A	4	50.	9668
	CI 9111.			
1	Group IV Caloto	2	5	9669
	CI 1561-1		(P)	
2	Calrose	4	5	9670
	CI 8988.		(P)	
	cont veg. 5/19			
3	Hyb mix-11-47-11-1, E, Sh, Gr. Bulk	4	15	9671
	CI 9094.		MR	
4	Arkrose	4	50	9672
	CI 8310		MS	

9673	Komrose CI 8314.	4	60 (S)	65
9674	Hyb Mix-12-47-6, late Sh. Gr. Bulk. CI 9117	0	0 (P)	66
9675	Blue Rose 41 CI 8317.	3	80 (S)	67
9676	B4559A1-102-2, Bruin Sel x BR CI 9021	4	15 MR	68
9677	Blue Rose CI 2128.	4	80 VS	69
9678	C6-I-25-12, BR x BR-R CI 9020	4	95 VS	70
9679	54C 4121, Imp. Bl. Rose Sel CI 9178.	4	90 VS	71
9680	Asahi	3	40 MB	72

3	B49-508, CaxR CI 9116	3	90 (S)	9681
4	Stg. 512252, Arkrose Sel. CI 9198 Tall reg 5/19	5 =	95 (VS)	9682
01	C4060, 15/16 Rex. CI 9095	5	95 (VS)	9683
2	TP49 CI 8991	5	90 (VS)	9684
3	Rexoro CI 1779	5	95 (VS)	9685
4	C4180, 15/16 Rex CI 9025	4	85 (VS)	9686
5	B4552A1-12-1-1, TPxR-7689 CI 9118.	4	95 (VS)	9687
6	B4527A1-11, TP49 x Rex. CI 9119.	5	100 (VS)	9688

		1	full	degree	90	1954 No.
9689	C3-72-3, R x P-Lf. Crowley C3-72-3, Rexoro x Purple Leaf CI 8986.			5	100	87
				←	(VS)	
9690	Texas Patna, Sel. A CI 8321.			0	0	88
					(P)	
9691	B4524A1-4, TP49 x (TP x R-SBR) CI 9029			5	100	89
					(VS)	
9692	C.I. 8149, R x D			4	6.5	90
					(S)	
9693	B4527A1-48, TP49 x Rex. CI 9119.			5	100	91
					VS	
9694	45C554, R-P-Lf x G CI 9031			5	100	92
					VS	
9695	53C4120, C3-12 x TP49 Crowley 53C4120, C3-12 x TP49 CI 9179			3	5	93
					(R)	
9696	53C88, 15/16 Rex Crowley 53C88, 15/16 Rexoro CI 9180			5	95	94
					VS	

1	full	seque 70		
B4512A1-4,	HILL Sel. x BBT.	5	100	9697
CI 9109			VS	
B4512A1-20,	"	5	100	9698
CI 9108 ?			VS	
See Row 9652				
B4512A1-32,	"	1	70	9699
CI 9122.			P	
B4515A1-16,	HILL Sel. x RN	5	100	9700
CI 9110			VS	
B459A3-13-1-2-2,	HILL Sel. x Rexark	5	100	9701
CI 9132			VS	
Cal. 1473-5-2,		4	50	9702
	Segu		S	
Honduras				
CI 1643		4	60	9703
dark lines tail s/ig				
B4356A1-32-1-7-2,	8326 x 8323-2	4	95	9704

			Deg.	70	
9705	B44-2647-3-1, HILL Mod. Sol. CI 9124	5	95	79	
			VS		
9706	B45-15-1-8-2-1, HILL Med x Z. CI 9125	5	100	80	
			VS		
9707	B45-15-1-1-6-6-1-1, HILL Med x Z. CI 9126	5	100	81	
			VS		
9708	B46-3046-7-1-3, K-H x BR (Rogue) Tail reg. on 5/19	5	100	82	
9709	Legget, Med. Gr.	5 (few R)	95	83	
9710	B4542A1-2-4-4, R-7689 x (TP x R-SBR)	5	100	84	
9711	B4536A1-3-1-3, R-7689 x HILL Med	5	100	85	
9712	B4524A1-43-3-2, TP49 x (TP x R-SBR) CI 9114	5	100 VS	86	

7 B4516A2-43, Hill Sel. x (TPxR-SBR) 5 100 9713

8 C.I. 5094 4 5 9714
P

9 B4511A1-18-2-3, Hill Sel. x (TPxR-SBR) 5 95 9715

0 B403A1-15, TPxR-SBR 5 100 9716

1 H0-116-1-1-1, TPxB3812A 5 100 9717
CI 9243 VS

2 B459A3-3-2-1-1, Hill Sel. x Rexork 5 100 9718

3 B459A1-12-1-2, 4 " 95 9719

4 B4530A1-36-2-1, TP49 x Hill Med 5 100 9720
CI 9239 VS

9721 B322B47-12-2-4, RxF
CI 9115 4 95 95

9722 B4511A1-91-1-2, Hill Sel x(TPxR-SBR)
4 95 96

9723 B47-3741-15-5, BBT. Sel.
4 5 99

9724 46C 739, R.x(4-II-4)
4 90 101

9725 Century 234-2-1,
BT 9241 4 95 102
VS

9726 HD-421-2-1-1, TPxB3812A
CI 9111 4 80 103

9727 HD-341-1-1-1, TPxB3812A
Early CI 9242 4 5 104
Highly R to Shd R

9728 HD-114-3-1-1, TP49xB3812A
10 100 105

B46-4248-1-12-3, BBT. Sel.
 6 Tail mg 5/19 4 85 9729

B4510A1-154-7-1, Hill Sel. x BBT.
 7 CI 9244 5 100 9730
 VS

B4512A1-106-1-3, Hill Sel. x BBT.
 8 CI 9245 4 5 9731
 P

B455A1-27-3-3, BBT x (HP x R-SBR)
 9 CI 9244 5 100 9732
 VS

B47-3054, Rexark Sel.
 0 CI 9251 4 95 9733
 too early
 VS

C.I. 8629, (Glut.)
 4 early pup 7 50 9734

B47-4399-7-2, (Glut.)
 15 4 85 9735

B49-508, Ca x Rex.
 9 CI 9116 4 95 9736
 VS

9737 B4552A1-12-1-1, TPxR-7689
CI 9118. 5 100 120
1. good reg growth on 5/19 VS

9738 B4524A1-41-1-1, TP49x(TPxR-SBR)
CI 9254 10 100 121
VS

9739 B4544A1-27-1-3, R-7689x8975
CI 9255 5 100 122
VS

9740 B4541A1-27, R-7689xTP49
CI 9129. 10 100 126
VS

9741 B47-4980-3, Karang-Serang
CI 9257 5 95 127
VS

9742 B4030A3-13, R-7689xR
CI 9259 3 15 129
R

9743 B46-2069-5-3, T. Patna Sol.
CI 9260 3 20 130
MR

9744 Texas Patna
CI 8321. 3 5 131
R

32 B4527A1-48, TP49 x Rex. 9745
 CI 9119 5 95
 VS

33 ~~B4527A1-20~~ B4527A1-20, TP49 x Rex. 9746
 CI 9133 5 100
 VS

34 B47-4950-5, Karang-Serang 9747
 CI 9134. 5 95
 VS

35 B4526A4-4-1-1, TP49 x (TP x R-SBR) 9748
 CI 9135 10 100
 lim stand on 5/19 but good growth.
 VS

36 B343 B47-18-3-1, NxK 9749
 CI 9273 10 100
 VS

38 B4545A2-3-2-1-1, TP x Hill Med 9750
 CI 9274 10 100
 VS

39 B4524A1-13, TP49 x (TP x R-SBR) 9751
 CI 9275 4 90
 Too late to be sure
 VS

40 B4527A1-11, TP49 x Rex. 9752
 CI 9120 5 100??
 Too late to be sure
 VS

9753	B437A1-6-1-17-4 Sm BR. BR41 x 83 23. CI 9228	3	40 MS	1601
9754	Edith CI 2127	5	100 VS	1605
9755	B46-2053-14-1, Rx 7689 CI 9138 dark pr sheath on 5/19	5	failed to Head 95 VS	1608
9756	B51-3637-6, Cent. Rogue CI 9233	5	100 VS	1614
9757	HILL Patna CI 9052	5	100 VS	1616
9758	B45-15-1-1-8-2-4-2, Hill Med. Rogue CI 9234	5	100 VS	1618
9759	B49-3896, Cent Rogue CI 9235	5	100 VS	1620
9760	B52-2459, E. BBX Sel. CI 9236 as early as Cent	5	2 Highly R R	1624

B4524A1-8, TP49x (TPxR-SBR) 9761
 25 CI 9237 5 100

VS

B459A1-49-1-2-1, Hill Sel x Rexort K 9762
 28 CI 9224 4 100

VS

B4513A1-25-1-2-2, Hill Sel. x BBT 9763
 37 CI 9139 2 60

MS

B4530A1-36-2-1, TP49x Hill Med 9764
 46 CI 9239 5 100

VS

B454A1-81-4, BBT x K-R 9765
 49 CI 9140 4 5

P

B455B2-3, BBT x (TPxR-SBR) 9766
 51 CI 9247 5 100

VS

B455B2-11-2, BBT x (TPxR-SBR) 9767
 54 CI 9004 4 10

P

B459A3-3-2-1-1, Hill Sel x Rexort K 9768
 56 5 100

9769 B4311A 2-23-1-1, Sm BR-BR41 x 8323 + Z
CI 9141 5 100 1661
VS

9770 B4031A 1-1-5, TP x R-SBR
5, 10 100 1671
failed to head

9771 B4512A 1-4, Hill Sel. x BBT
CI 9109 5 100 1673
VS

9772 B4513A 2-12-2-2-3, Hill Sel. x BBT
CI 9227. 4 10 1677
R

9773 B4512A 1-106, Hill Sel. x BBT.
(CI 9245?) failed to head 1679
10 100
VS

9774 B4513A 2-12-2-2-1, Hill Sel. x BBT.
4 10 1681

9775 B4514A 1-50, Hill Sel. x (TP x R-SBR)
CI 9142 5 100 1682
VS

9776 B4515A 1-21, Hill Sel. x RN
CI 9143 5 950 1686
VS

92	B4526A4-4-1, TP49x(HPxR-SBR) (CI 9135 ?)	5	95	9777
			VS	
95	B4530A3-37-1-2-1, TP49xHILL Med. CI 9240	10	100	9778
			VS	
97	B4531A2-20-5-4, TP49x8975 CI 9238	5	100	9779
	failed to head		VS	
00	Delitus CI 1204	3	90	9780
			5	
04	B45-2379, BBT. Sel, CI 9249.	5	100	9781
			Short bds, Severe	
			VS	
05	B45-2379-6-1-1-2, BBT. Sel, CI 9250	5	100	9782
			VS	
15	H0-421-2-1-1, TPxB3812A CI 9111	4	20	9783
18	H0-116-1-1-1, TP49xB3812A CI 9243	5	95	9784

9785	HO-116-1-1-1, TP49 x B3812A CI 9243	5 100 short hd dense	1719
9786	HO-344-1-1-1, TP49 x B3812A CI 9242	too late 5 90 VS	1721
9787		400 late 4 80	1724
9788		100 late 3 25	1724
9789	Rather narrow leaves	3 20	1729
9790	Extremely narrow leaves, laying on water 5/19	3 5	1731
9791	Rather narrow leaves	too late 0 0	1732
9792		100 late 0 0	1733

4	too late	9793
	.5 100 V. severe type unless an off type, peak appearance	
6	too late	9794
	.5 90	
7	too late	9795
	.5 75 (or above)	
10	too late	9796
	too early to have 0 0	
4	3 20	9797
7	too late	9798
	push 5 bad	
1	5 100	9799
2	too late	9800
	4 60	

9801	4	80	1753
	Too late to be sure		
9802	4	50	1754
	Too late to be sure		
9803	4	20	1756
	Too late		
9804	5	100	1757
	Too late		
9805	5	100	1758
9806	5	100	1759
9807	0	0	1762
9808	5	85	1763
	Too late to be sure		

64					0 0	9809
				Too late		
65					0 0	9810
67					4 50	9811
69					5 90	9812
70					4 20	9813
71					5 100	9814
72					3 40	9815
75					3 20	9816

↑

Too late to be sure

↓

9820 to 9830 have good neg growth on 5/19
no unusual features about them on 5/19

9817	7	0	0	1780
9818	4	0	0	1781
9819	5	100		1785
9820	5	100		3404
9821	3	100		3409/10
9822	2	50		3421/2
9823	2	75		3451
9824	1?			3501/2

v. early growth some at 1/2

			degree	
20			1	9825
25			1-2	9826
33			2 15	9827
36x39			3 5	9828
40x41			3 5	9829
70			3 5	9830
1. 27	CI 9159. Cal. XBR. (29149 Sal 2400)		4 100 rs	9831
0. 50	CI 9154. Hill Sal. XBR. B4512 A1-20 Sal.		4 100 rs	9832

9833	CI 9158. Hill Sd. x (JP 18-50R) E 1 ?(2) 80 B4517 A1-60. MO. R-52. MS	MO R-52
9834	CI 9157. Hill Sd. x Ryland. - 7/29 4 30 B459 A3-66. MO. R-54. MS	MO. R-54
9835	CI 9156. Calusa x Calusa E 231A-14-1-2 (cal.) 4 75 S	MO. 231A-14-1-2
9836	CI 9155. MO. R-500. E 4 90 S	MO. 5-4/7A-3
9837	E 2 75	Calif P.I. 134086
9838	E 2 50	Calif Colusa (1600)
9839	E 2 50	Calif P.I. 168949
9840	E 2 50	Calif P.I. 175014

2/1 f 187078	1st Full					9841
			1	50		
2/1 f 631A1-5 7/1	7/30	no st on 7/27	0	0		9842
2/1 f 8/2A1-6 7/22	✓		0	0		9843
2/1 f 319A-12	E		0	0		9844
2/1 f 2/10 ro 7/25			0	0		9845
2/1 f 2/10 rose 7/20			0	0		9846
2/1 f 11784 E	11/1501X(TPXR-SBR)	Birds dist				9847
2/1 f 11609 E	11/1501X(TPXR-SBR)	Birds dist				9848

9849	E	Hill/5c/Bbt. 5/9/4. birds dead	5/1/887 2F8-11	
9850	E	Will Selx/TAX K-562 Styl 5/1/767 birds destroyed		
9851	E		1	50 MO R-107
9852			3	50 MO R-106
9853		CI 9160. Hyt. Mig. S. Lade. 7/30	5	100 MO R-134 vs
9854		MO. R-134.	3	20 MO. R-134
9855				
9856				

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9881				
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9894

9895

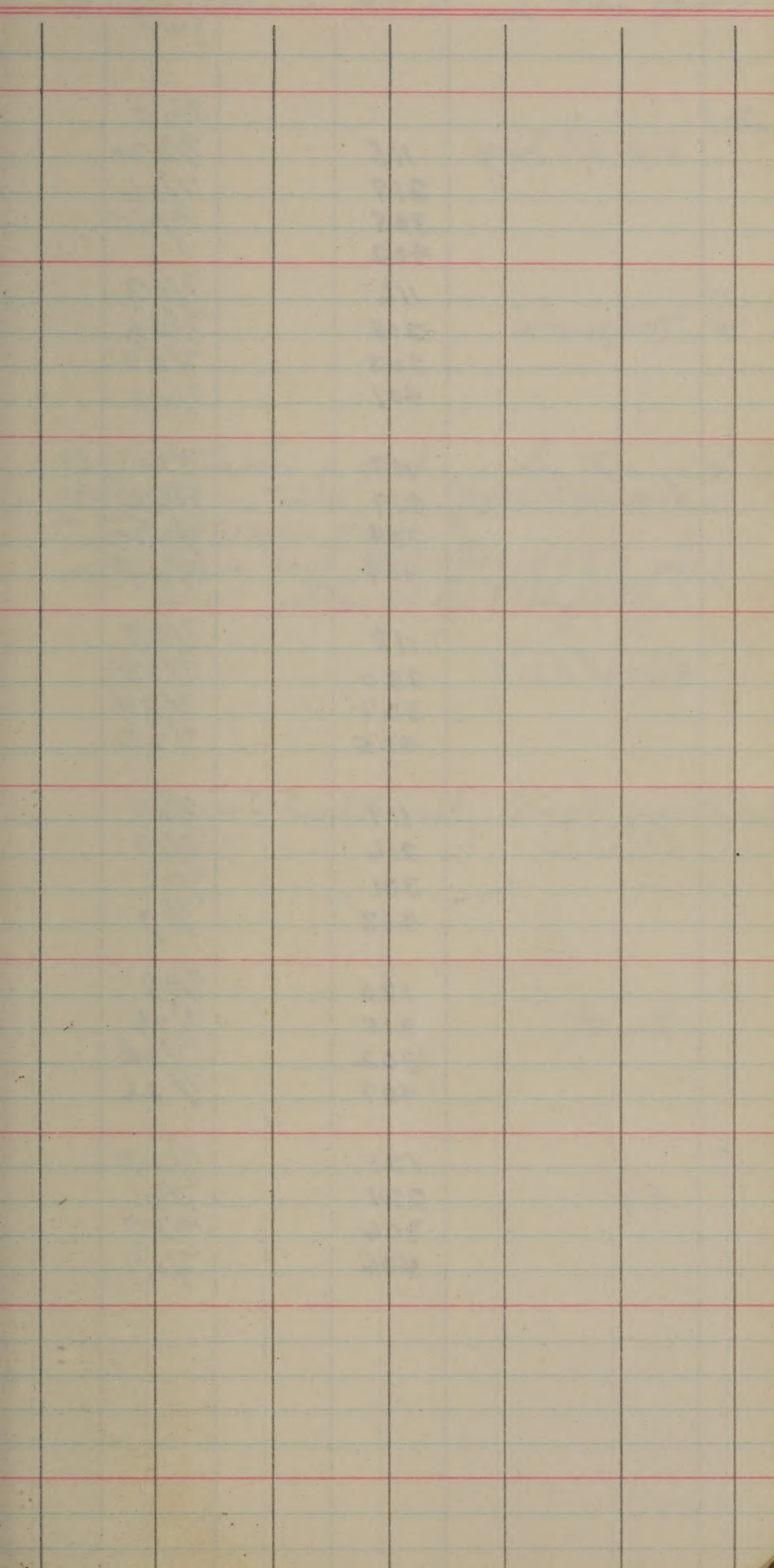
9896

9897

9898

9899

9900



501

Rp1 Lf1 May

115
217
305
402

Full

7/25
7/22
7/26
7/25

2

magnolia

116
218
303
401

7/27
7/26
7/28
7/28

3

Smooth Zenith

117
219
304
404

7/20
7/22
7/22
7/24

4

B4564 A2-11

118
220
307
405

7/29
7/23
7/24
7/25

5

colusa

119
216
301
403

7/17
7/17
7/17
7/17

6

Zenith

120
215
302
407

7/27
7/26
7/26
7/26

7

ep

121
221
306
406

7/28
7/26
7/27
7/27

Series C & D much better
stands than A & B in this group

9007
Slender
in 3rd
& 4th
series
Looks v. good, earlier than 501
prob. not taller. Ereg stand in A not
as tall as 501
Strain 9007 taller than 8936 also
more straight-headed (slight type)

Series C has extremely long plot v good stand

1st full

508

Revank

122
227
319
417

7/27
7/25
7/25
7/25

9

B455A1-25

123
223
321
418

7/30
7/28
7/29
7/30

10

R x Z

124
222
318
421

7/28
7/25
7/27
7/25

11

B455A1-27

125
228
315
416

7/27
7/26
7/25
7/25

12

B4512A1-20

126
226
316
420

13

Short Cent

127
224
317
419

7/29
7/28
7/28
7/28

14

CP 231

128
225
320
415

7/29
7/28
7/28
7/27

Extremely irregular heading

East $\frac{1}{2}$ A series eaten off by livestock

nearby mat on $\frac{1}{2}$ 27, Shutter body
Series A poor stand.

515 BBS

108
210
310
413

7/30 8/7

16 Font

109
213
308
411

7/30

17 B459A

110
211
309
409

8/4

18 BBT 50

111
209
311
410

7/29

19 Imp BBT

112
208
314
414

7/30

20 Roze

113
212
312
412

21 Sunhornet

114
214
313
408

most of these var. in my boat and an occasional bud showing, on 7/27 but not 1st bud for several days

Extremely dense veg growth as compared with BBT+SBBT.

Very growth & poor stand on A BBT 50 B series east end So now has chlorotic short plant, some (1st in row)

Lighter green than Sunkhmet, drooping, lower

Has extremely erect leaves & longer than BBT.

522	Bruni x BK	101 207 327 423	8/6	
23	Juncker	102 203 323 426	7/22 7/20 7/22 7/22	8/6
24	Calrose	103 205 325 424	7/28 7/27 7/25 7/26	
25	Hygh Mex-11	104 201 324 425	7/26 7/25 7/25 7/25	
		short neg growth		
26	Hygh Mex 12	105 204 328 427	7/28 7/27 7/27 7/27	8/6
27	BK	106 202 322 422	8/7	
28	Calrose	107 206 326 428	7/30 7/29 7/27 7/27	8/6

extremely irregular heading and daylength
v. poor stand in series D

Taller neg growth than S.25

rough h. due to daylength response

83
B53-5330-1-101

101
5330

10,

-1-2

-1-3

-1-4

B52-5330-2-102

102
5330

-2

-3

-4

102 853-5330-3-1
5330

-2

-3

-4

04 853-5330-4-1
5330

-2

-3

-4

B53-5330-5-1

105

-2

-3

-4

B53-5330-6-1

106

-2

-3

-4

107 B53-5330-

108

109

~~201~~ 110

202
111

203
112

Check

CP281 Control ~~204~~

113

~~205~~

114

~~206~~
115

~~207~~
116

208

117

CP231, Control

209

118

301
19

22
20

~~303~~
121

~~304~~
122

23

24

CP231, Control

~~307~~
125

~~308~~
126

27

28

201

202

203

204

205

206

207

208

209

210

211

212

CP-231, Control 213

214

215

216

217

CP-231, Control 218-

219

220

221

222

223

24

CP-231, Control

225

226

27

28

301

302

203

204

305

306

307

308

309

310

311

312

CP-231, Contd. 313

314

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316

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CP-231, Control 318

319

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CP-231, Control

325

326

327

328

129

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133

134

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CP-231, Control

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137

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CP-231, Control

145

Section 185-92

146

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CP-231, Control

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CP-231, Control

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CP-231, Control

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2010 12 10 10

238

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CP-231, Control

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CP-231, Control

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330.

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332

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CP-231, Control

337

338

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340

34

34

343

344

CP-231 Control

no w

no w

no w

no w

fl. 11, 46

~~fl. 36~~

fl.

no w.

no w.

fl

fl

fl

no w

no w

Angleton pictures
along road, have labels
without labels 4th series 512

" " 3rd series 2nd BBT
and Sunbeam

" " 2 of Rogues on right
BBT 50 on left
in 3rd series

" " 1st 3rd up. (atkins)

" " 3rd up.
R. pr L x Mags on left
and E P on right

" " Coloss left }
Zenith right } 2nd up

Pictures

9395 - 3 Bl wh 2 color

9384 - 89 - 2 2

~~9330 - 33~~

9266 - 67 (4 Bl wh 6 color)

9066, 67 + 68 same type no label

1954

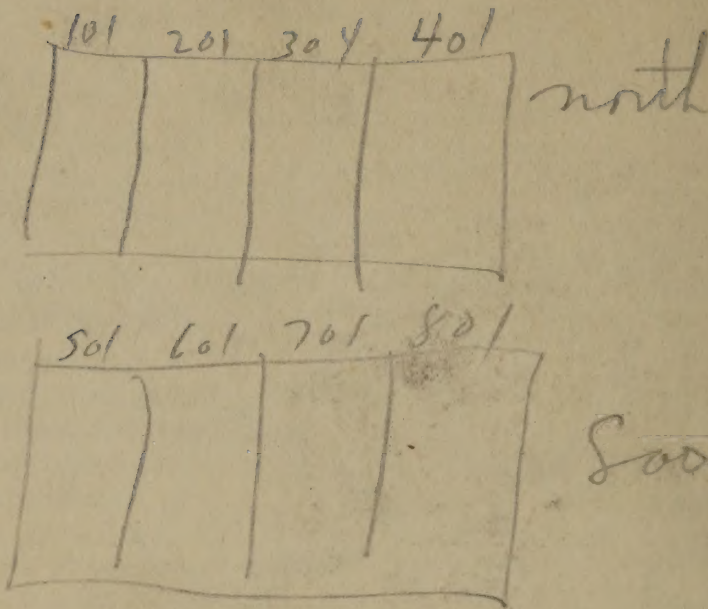
REPL. FIELD PLOTS

Book - 5

UNITED STATES
DEPARTMENT OF AGRICULTURE

FIELD NOTES

AGRICULTURAL RESEARCH ADMINISTRATION
BUREAU OF PLANT INDUSTRY, SOILS, AND
AGRICULTURAL ENGINEERING
DIVISION OF COTTON AND OTHER FIBER CROPS
AND DISEASES



If this notebook is lost will finder please mail to:
U. S. DEPARTMENT OF AGRICULTURE
Bureau of Plant Industry, Soils, and
Agricultural Engineering,
Division of Cotton and Other Fiber Crops
and Diseases
Washington 25, D. C.

SUGGESTIONS CONCERNING FIELD DATA AND NOTES

DIVISION OF COTTON AND OTHER FIBER CROPS AND DISEASES

It is suggested that the following general information be recorded for each field experiment:

1. Name of experiment or study.
2. Soil type.
3. Previous crops and fertilizers (2 years).
4. Preparation of land: (a) Methods (b) Dates
5. Size of plot:
 - (a) Area in square feet
 - (b) Number of rows
 - (c) Length of rows
 - (d) Width of rows
6. Fertilizer:
 - (a) Pounds per acre
 - (b) Analysis (N-P-K)
 - (c) Time of application
 - (d) Method of application
 - (e) Side dressings
7. Planting: (a) Date (b) Rate (c) Method
8. Thinning: (a) Date (b) Method (c) Approximate optimum spacing attempted
9. Cultivation: (a) Implements used (b) Dates
10. Dates at which all notes and samples are taken.
11. Dates of pickings.

The following suggestions are made in regard to recording data:

1. Record all dates as figures, giving the month and day of month, as 5/16 (May 16).
2. Record all field weights in pounds and decimal fractions of pounds. The requisite accuracy depends somewhat on the size of sample, but for ordinary size plots 0.1 pound is usually satisfactory. It is suggested that small samples be weighed more accurately (0.01 pound).
3. Estimations, such as seeding vigor, shedding, color, etc., may be recorded either numerically or with letter designations, as is found convenient; for example (seeding vigor), 1=Excellent, 2=Good, 3=Medium, 4=Fair, and 5=Poor; or E=Excellent, G=Good, M=Medium, F=Fair, and P=Poor. An explanation of legends should be recorded for each variable and experiment.
4. Diseases and insect pests.
 - (a) GENERAL.—Attack by diseases or insect pests should be recorded by suitable legends to indicate type of disease or pest, percent of plants killed or affected, and in serious attacks, estimating crop loss. For example, FW *5/35-7. (Footnote* Fusarium wilt 5 percent plants killed, 35 percent affected, 7 percent loss estimated).
 - (b) SPECIAL.—Where the book is used for taking notes on regional field tests on disease resistance, treatments, etc., it is suggested that directions which are furnished for taking uniform data be pasted, or copied, in the front of the book.
5. Diagram, to scale, the block on which each experiment is conducted, showing visible soil differences, variable plant response attributable to soil differences, drainage, or unequal irrigation, slope of land or contours, and any other features which may materially assist in interpreting the results. The square ruled paper in the front of the book may be found useful for this purpose.
6. Explain clearly all legends used.
7. Identify all experiments as to location on blocks and YEAR.

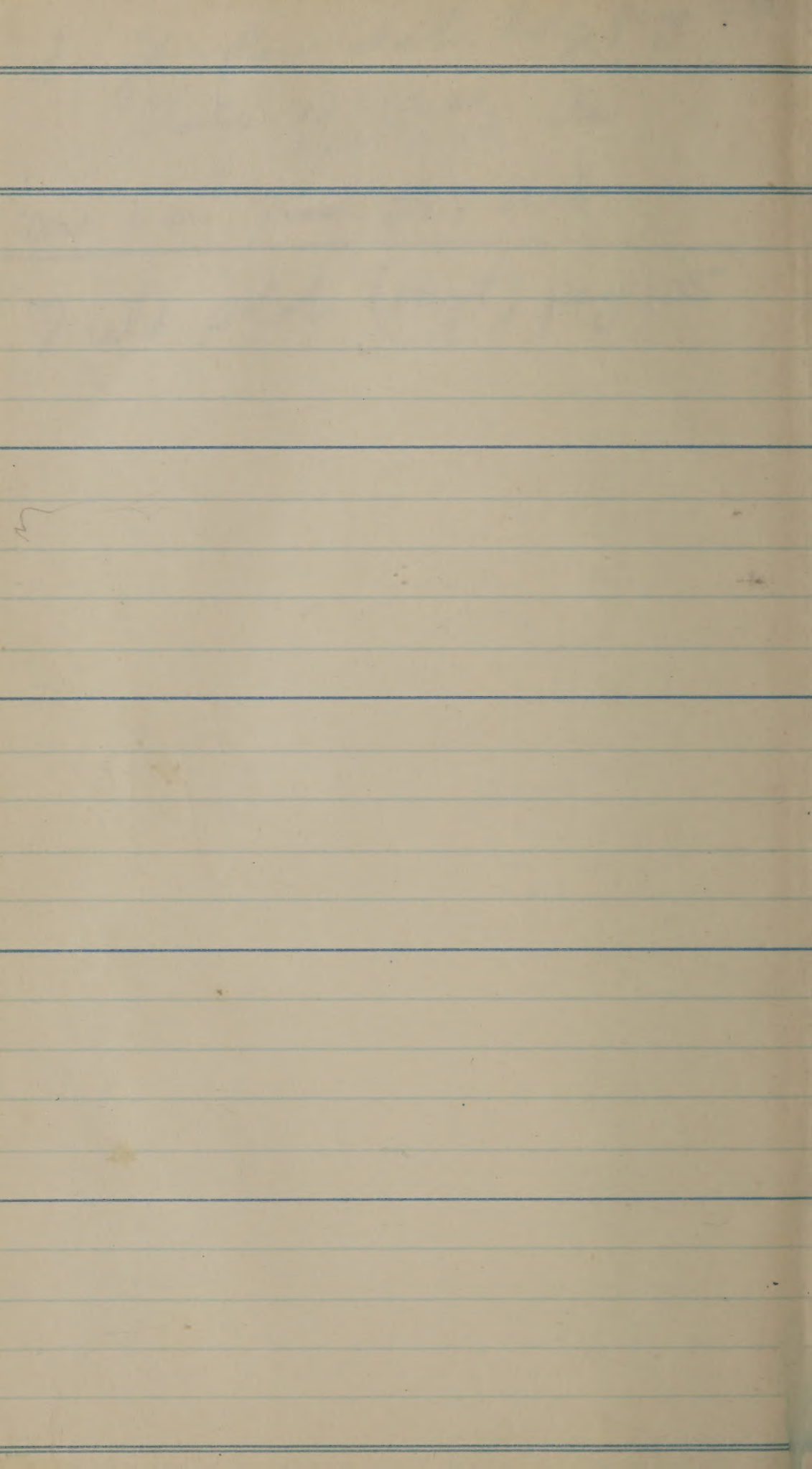
For types of experiments for which this book does not provide ample page space, larger sheets should be utilized. In taking data, which are to be reported in this book, or on larger sheets especially provided, the field or laboratory determination should be written directly at the time of weighing or otherwise determining, and submitted to Washington, or filed as the permanent record. Avoid all possible transcribing or typing of raw data.

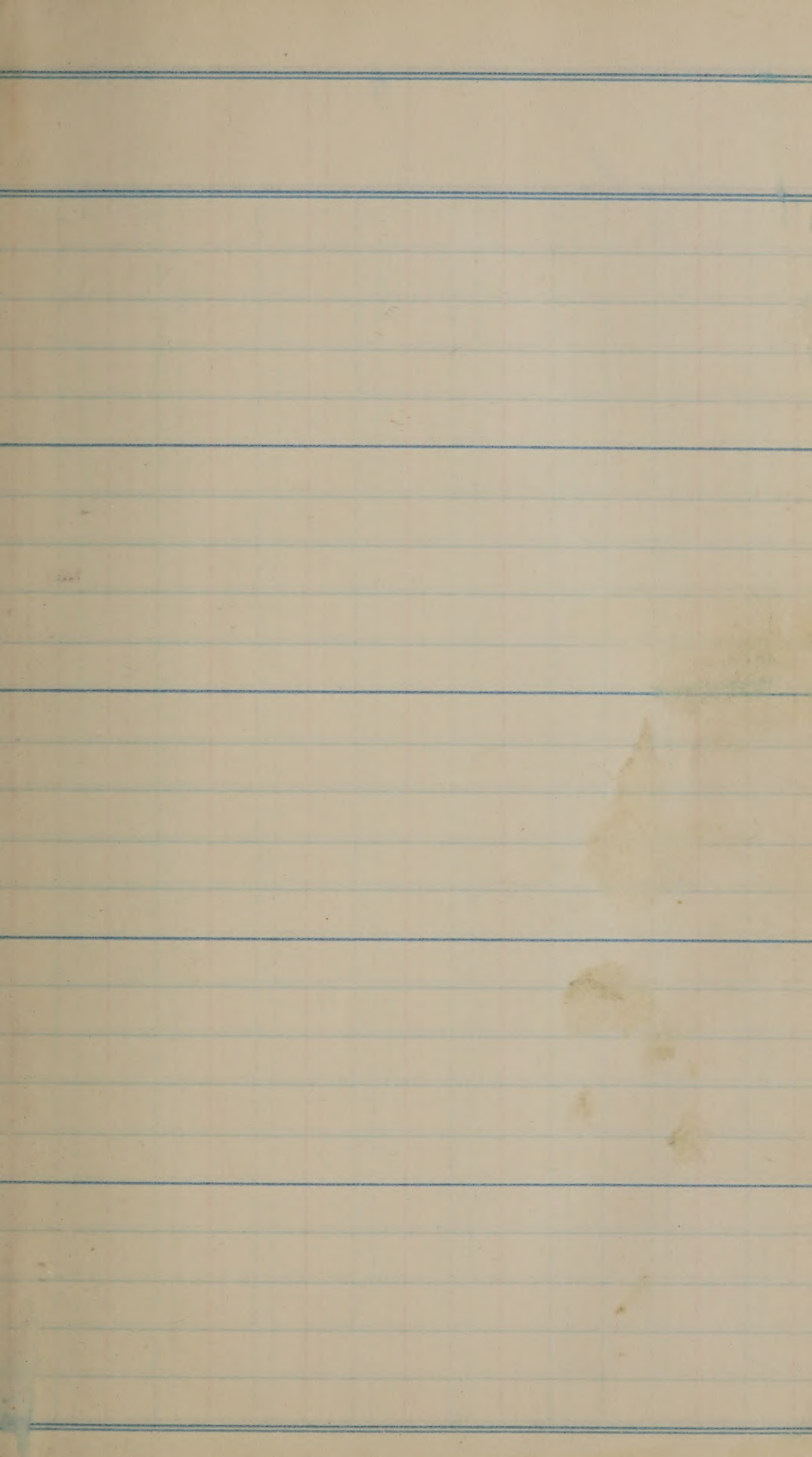
Single Row date Sdg page 73

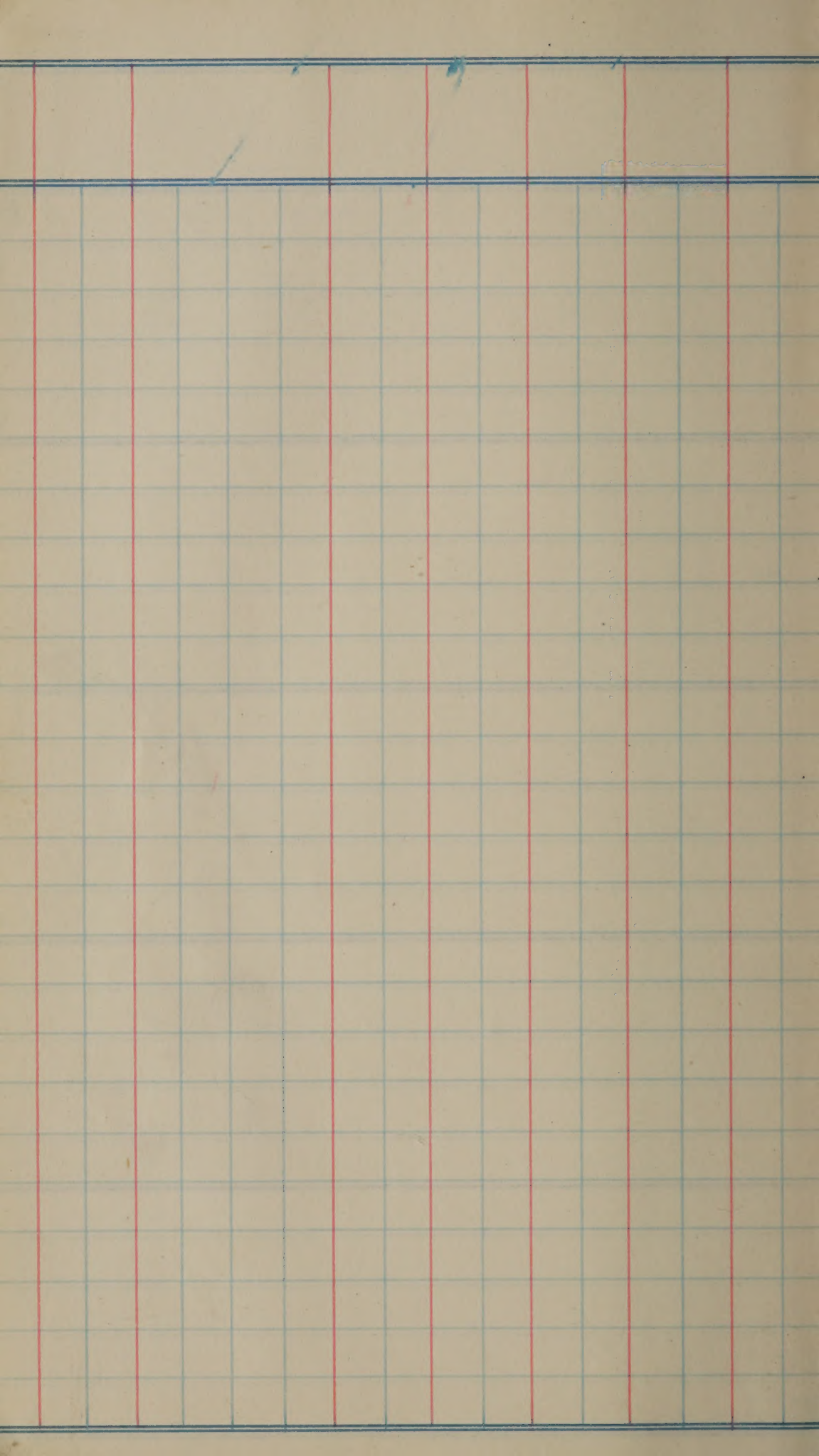
Stake 101 201 etc
106 206

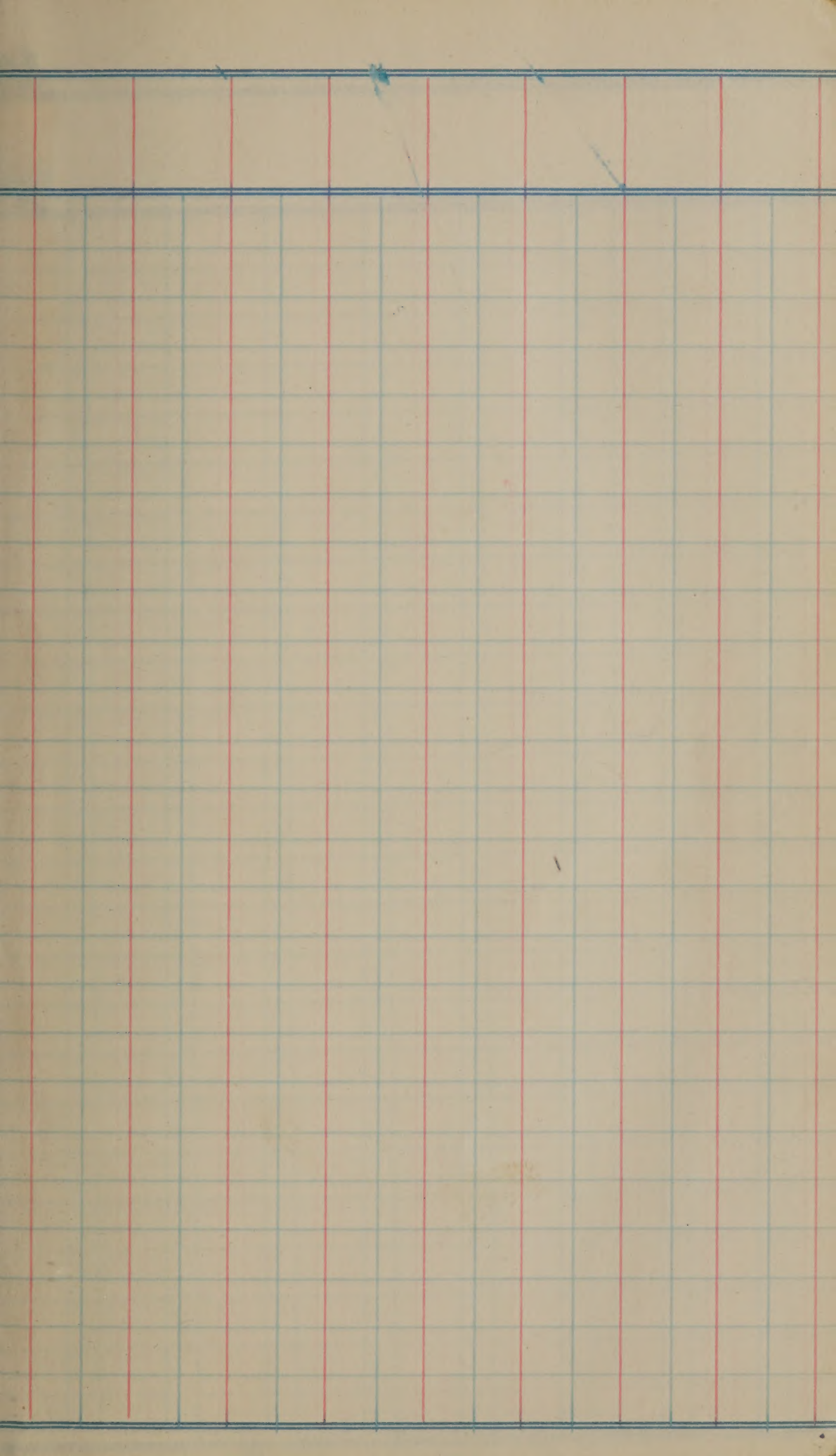
are Var. nos. 297 et al

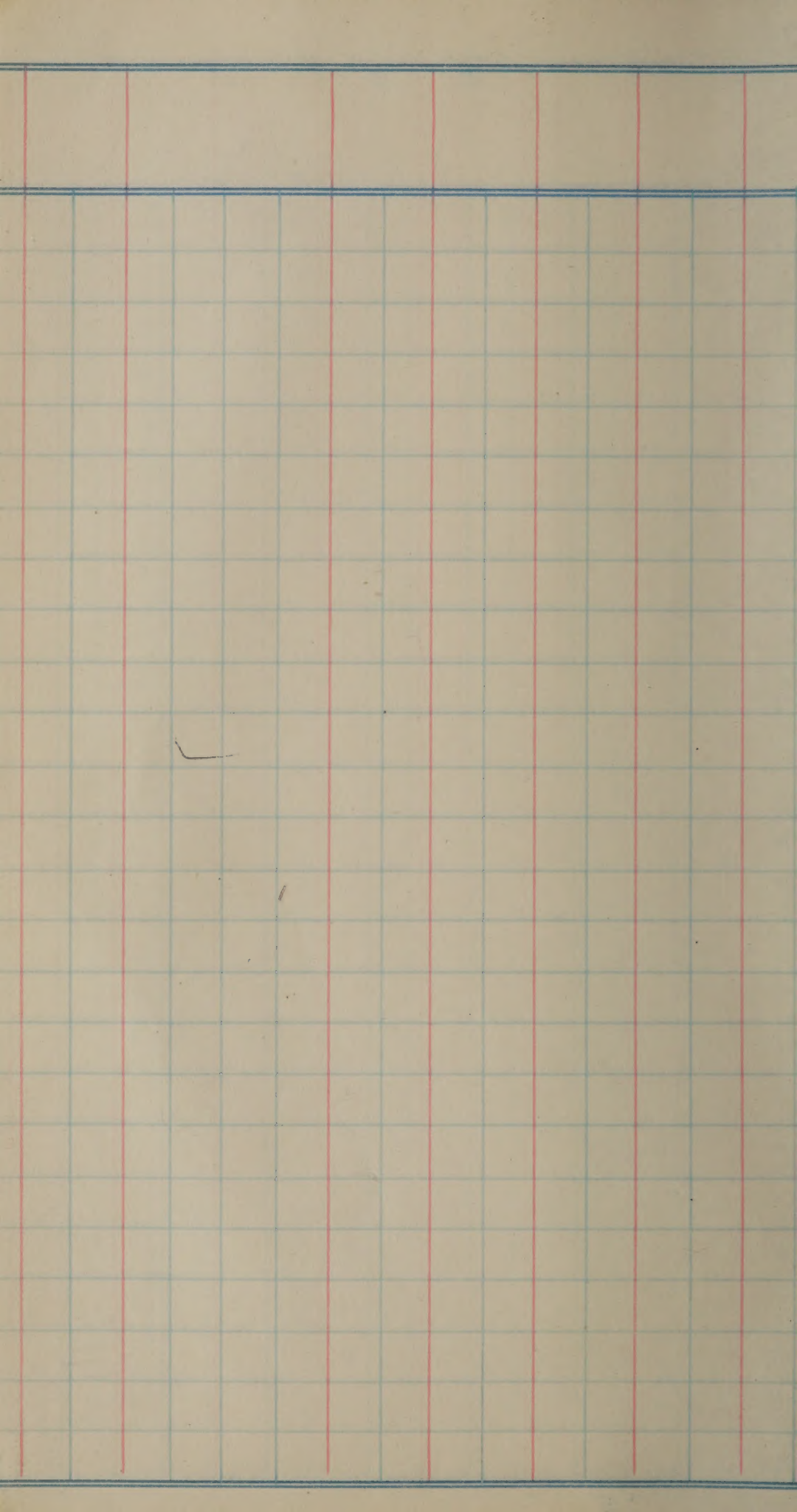
7 old plots (Repl) page 105

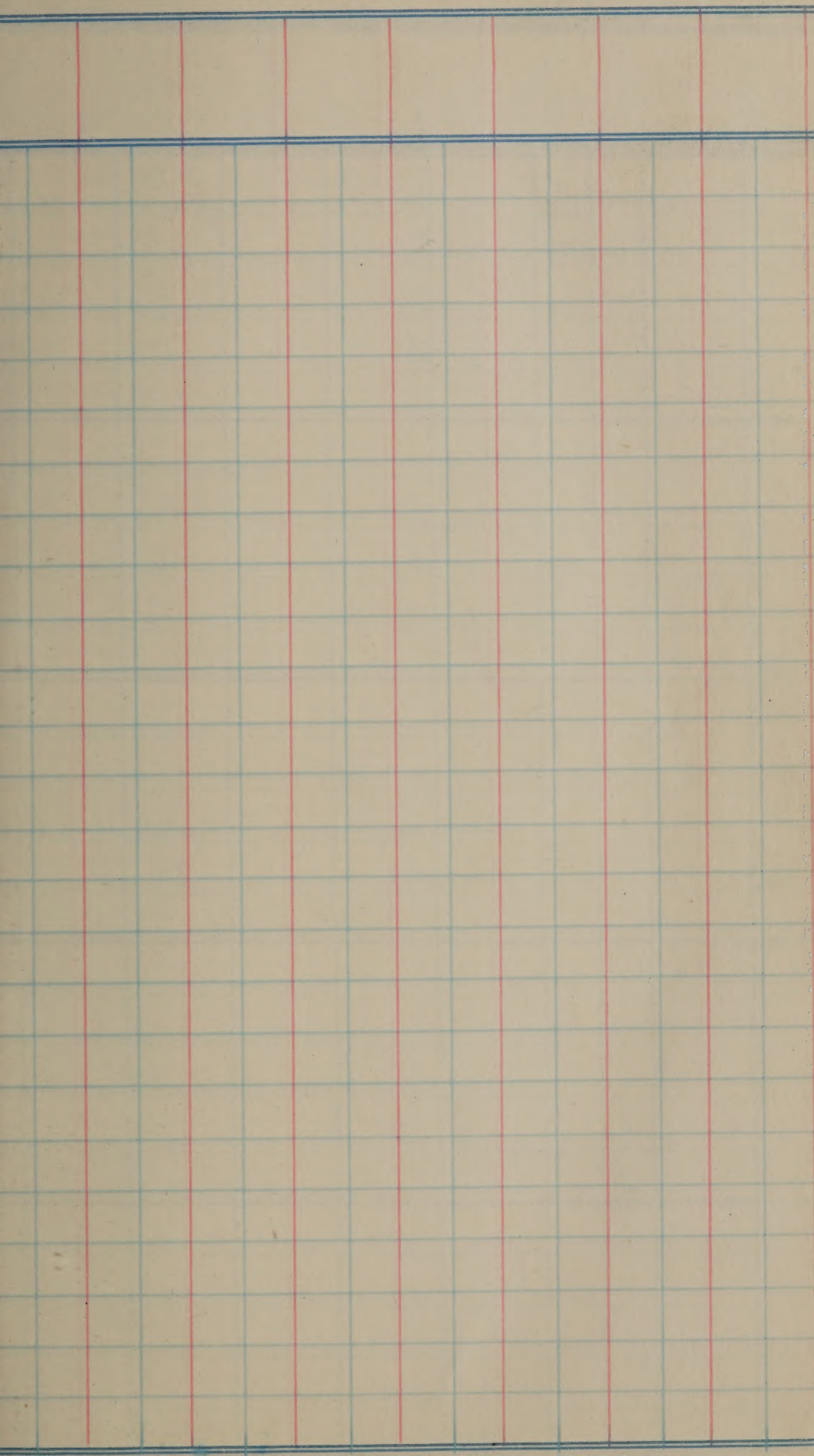












1

Siron March 18

Var. No

1st

Hd

No young
seeding
mat.Fuel
CagePl.
Weight

C.I. 9108

84512A1-20,	101	6/16	7/20	42
201 H.11 Sc/x BBT.	72	306 6/16	7/19	42
		608 6/16	7/19	38
		801 6/16	7/19	39
		409 6/16	7/19	40
		123		

Century Patna 231	102	6/28	7/28	44
202	307	308 6/29	7/28	44
		605 6/26	7/28	43
8993		803 6/29	7/28	42
		6/28	7/28	43
		132		

B45-15-1-3-S,	103	6/23	7/26	41
203 H.11 Mod x Z		305 6/24	7/26	40
	301	607 6/23	7/26	41
		412 6/22	7/26	40
		804 6/23	7/26	41
		130		

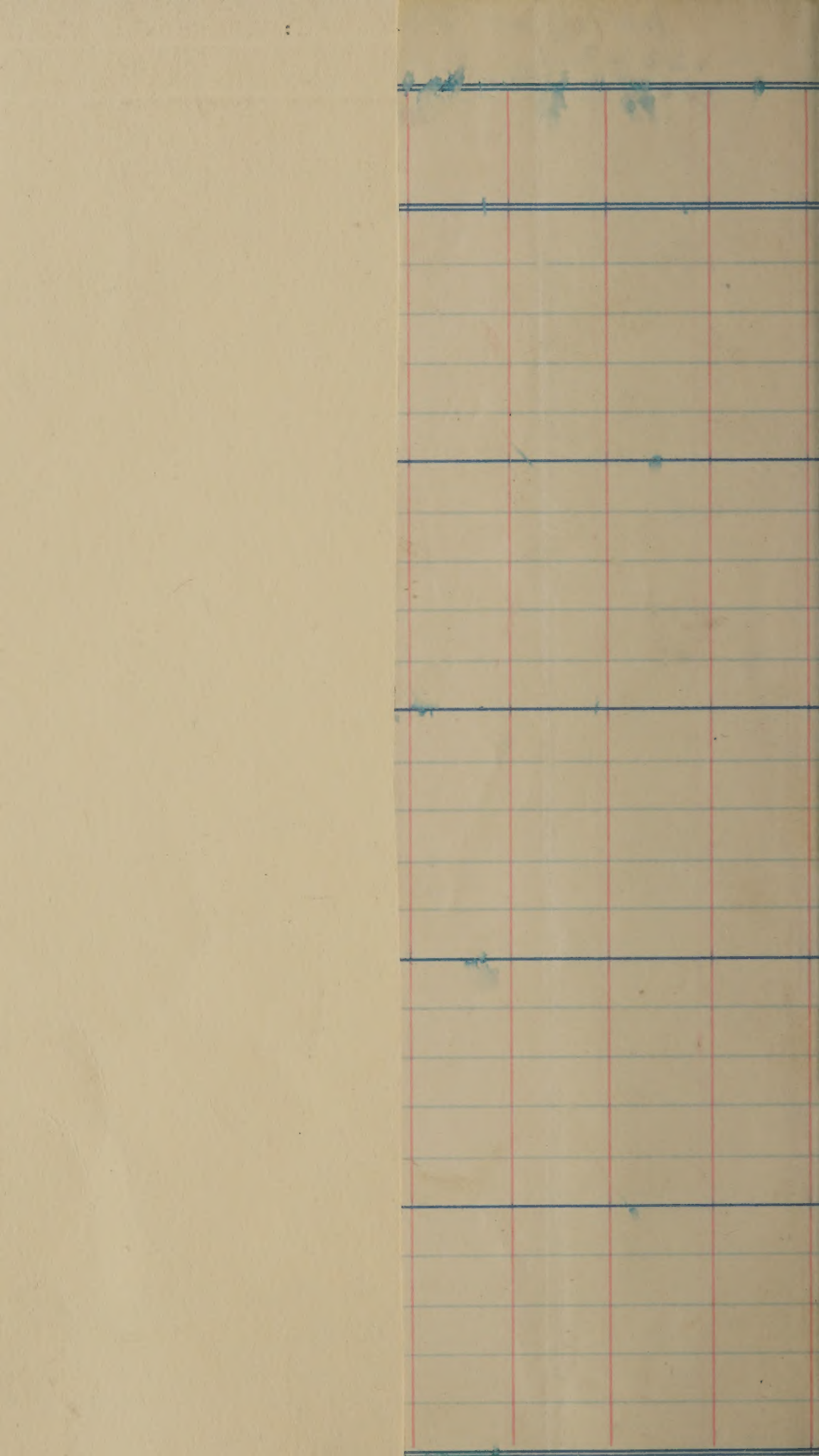
44C507-4052,	104	6/23	7/26	40
204 R.P. hf x Mpg.	307	6/23	7/26	41
	11	606 6/22	7/26	41
8998		802 6/22	7/26	40
		410 6/23	7/26	41
		130		

B322B47-12-2-4,	105	7/13	8/17	46
205 R x F		402		47
	95	503 7/12		50
9115		805 7/14		51
		7/13		49
		152		

1.07 x gram total

12222 x 11

106173 x 11

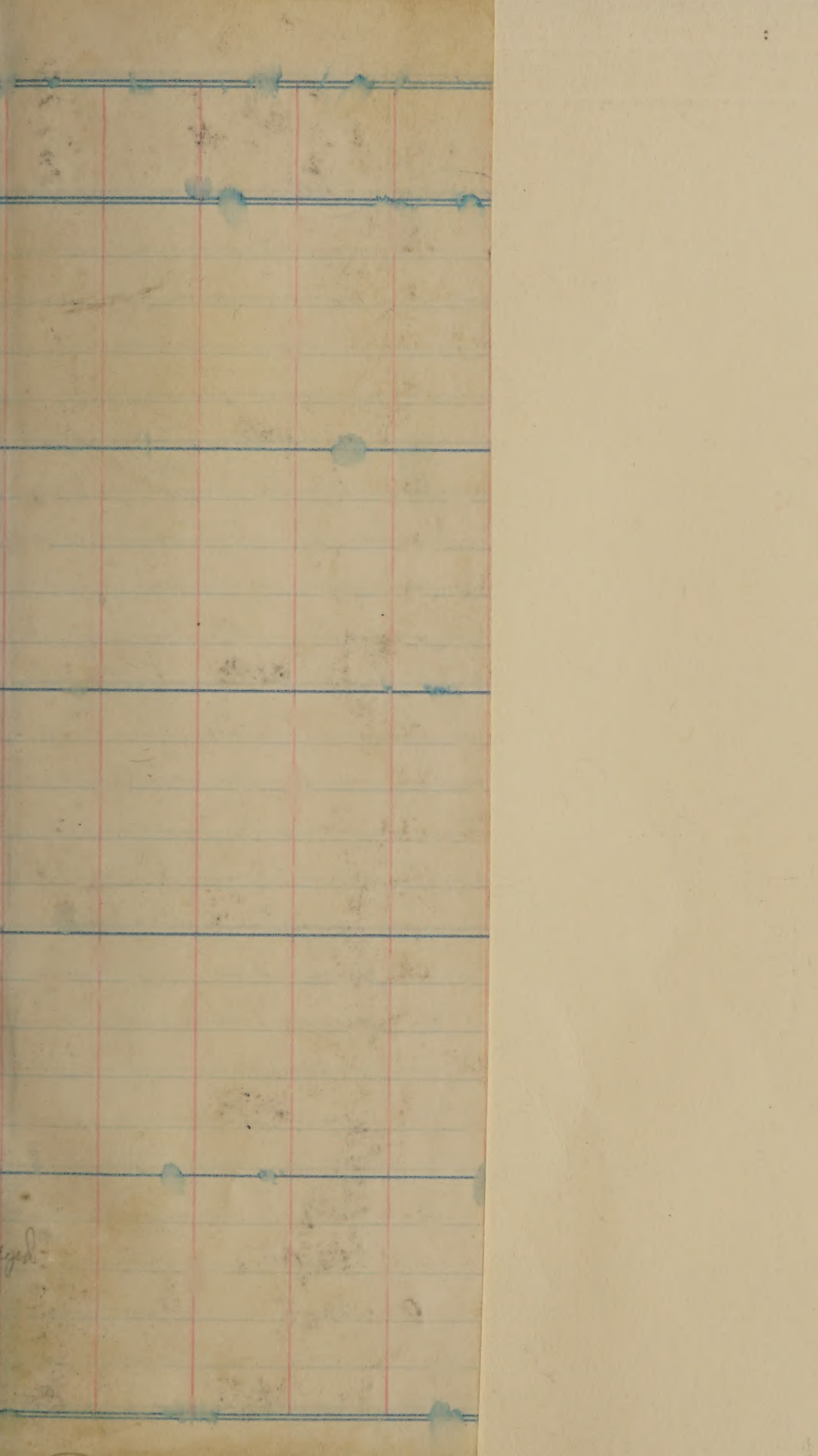


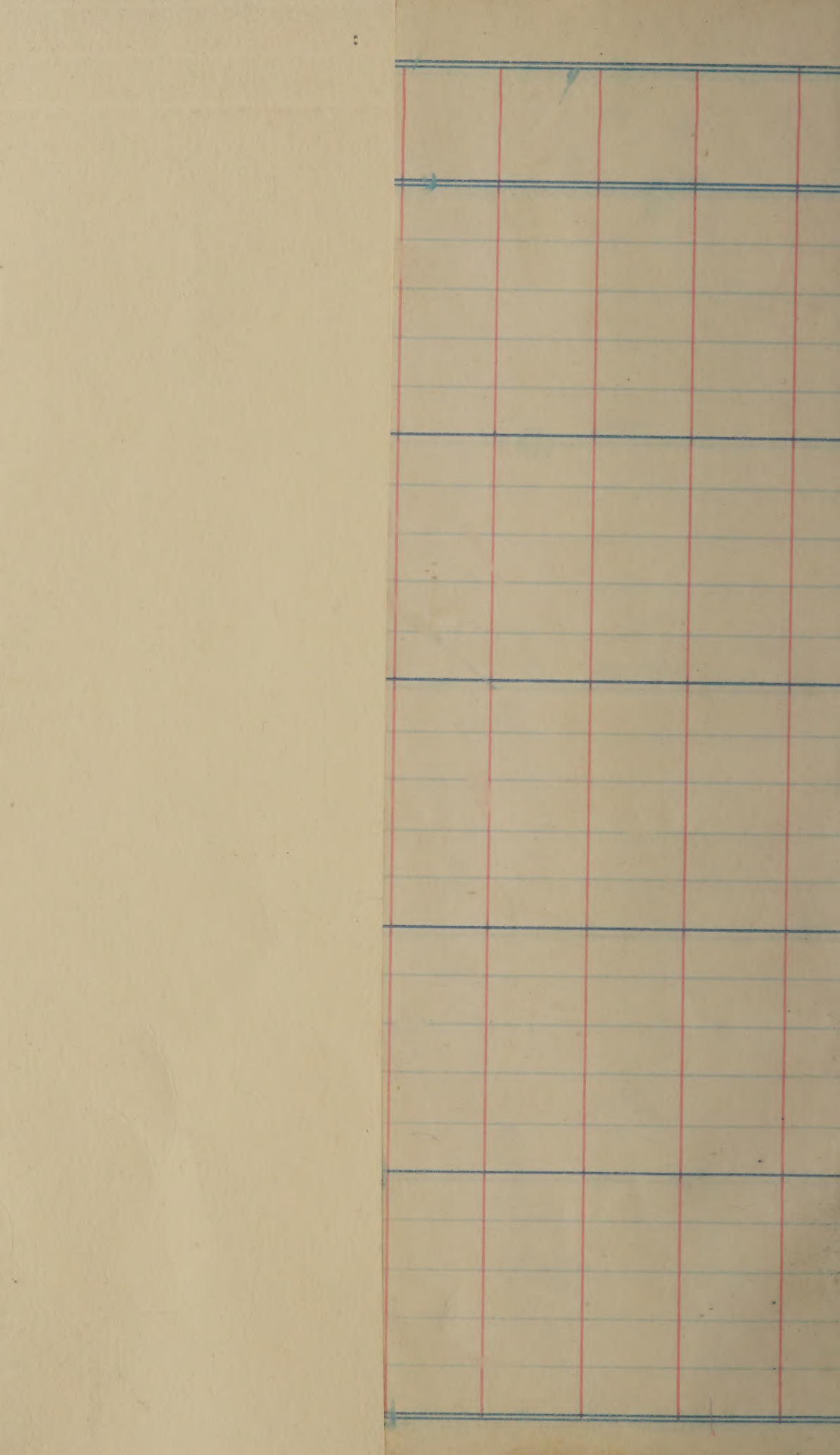
lbs per Acre
Lbs. per acre
Bbls

lbs Bu. BBl's

✓	623			
✓	732	✓		✓
✓	543			
✓	592	✓		
✓	1898	2031	4217	11.7
	855			
	1022			
	942			
	835	✓	✓	✓
	2819	3016	6264	17.4
	784			
	918			
	780			
	829	✓	✓	✓
	2482	2656	5515	15.3
	908			
	1015			
	932			
	888	✓	✓	✓
	3743	4005	8317	23.1
	581			
	705			
	734			
	730	✓	✓	✓
	2759	2943	6111	17.0

		1st	Head	No days	2. to treat	full	ripe	2nd	Height
Bluebonnet-50	106	7/11						46	
206	404	7/14						48	
	317	502	7/11	7/20				48	
8990	807	7/11	7/20	8/10				46	
		7/12	145					47	
Improved Bluebonnet 107		7/14						48	
207	401	7/16						44	
	319	501	7/16					46	
8992	808	7/14						52	
		7/15	152	8/17				49	
Sunbonnet	108	7/9	7/20					50	
208	403	7/9						52	
	315	504	7/5 seg	7/20				50	
8989	806	7/5 seg	7/20	8/10				50	
		7/7	145					51	
Caloro	201	6/21						38	
209	406	6/21						44	
	325	505	6/20					38	
1561-1	702	6/20	144	8/9				40	
		6/21						40	
Hyb Mix-11-47-11-1,	202	7/7 seg	8/6	9/2				44	
210 E. Sh. gr. Bulk	408	7/5 seg	8/6	8/30				47	
	168	507	7/5 seg	8/9	9/1			47	
9094	704	7/5 seg	8/9					47	
		7/6	165					46	





	lbs	Bu BBLs
766		
828		
802		✓
822	✓	71.5
<u>3218</u>	<u>3443</u>	<u>19.9</u>
678		
661		
821		✓
891	✓	67.8
<u>3051</u>	<u>3265</u>	<u>18.8</u>
897		
779		
919		✓
872	✓	77.0
<u>3467</u>	<u>3710</u>	<u>21.4</u>
887		
662		✓
773		66.7
680	✓	✓
<u>3002</u>	<u>3212</u>	<u>18.5</u>
861		
873		✓
819		75.5
847	✓	✓
<u>3400</u>	<u>3638</u>	<u>21.0</u>

154
Hd

Guneki

211

✓

203	6/29 Aug	8/7	9/7	43
405	7/2 Aug	8/8	9/5	43
113	506	6/29 Aug	8/8	
703	6/29 Aug	8/8		43
	6/30	170	9/6	43

Blue Rose

212

204	8/7	8/19		53
407	8/6	8/18		54
327	508	8/7	8/18	
701	8/8	8/18		56
	8/7	179	9/5	54

2128

TP49

213

205	8/9	8/23		50
302		8/24		49
329	604	8/24		48
706	8/11	8/24	9/15	51
	8/10	178	9/14	50

8991

Texas Patna

214

206	8/10	8/21		53
301		8/22		51
331	603	8/23		57

8321

708	8/9	8/22		54
	8/10	176	9/12	54

Rexoro

215

207	8/19	9/1		50
304	8/22	9/1		50
330	601	8/22		50
705	8/23			51
	8/21	187	9/23	50

1779

✓, lead for sterility

739

909 ✓

804

74.2

888 ✓ ✓3340 3574 20.6

1100

709 ✓

918

81.9

960 ✓ ✓3687 3945 22.8

647

705 ✓

708

63.8

812 ✓ ✓2872 3073 17.7

568

504 ✓

676

53.0

639 ✓ ✓2387 2554 14.7

473

640 ✓

673

55.2

698 ✓ ✓2484 2658 15.3

HO-421-2-1-1,
216 TPx B3812A

✓

9111

184
40
208 7/9 seq 46
303 7/9 seq 45
103 602 7/5 seq (3 families) 49
707 7/5 seq 44
7/7 155 8/20 46

Same
Solon April 20

221 HO-421-2-1-1,
TPx B3812A

9111

101 8/18 8/26 9/21 50
402 8/19 9/26 52
103 605 8/17 8/24 44
705 8/18 8/26 49
8/18 154 9/21 50

Texas Patna

222

102 9/3 10/5 54
404 8/29 55
331 607 55
707 54
9/1 168 10/5 55

8321

Many semi stub beds.
straw stays v. green and
standing OK. Sl. later than
Imp Bkt.

593

720

85 ✓

803

64.1

771

✓

✓

2887 3089 17.8839

879

✓

822

77.2

936

✓

✓

3476 3719 21.5

546

606

✓

770

60.7

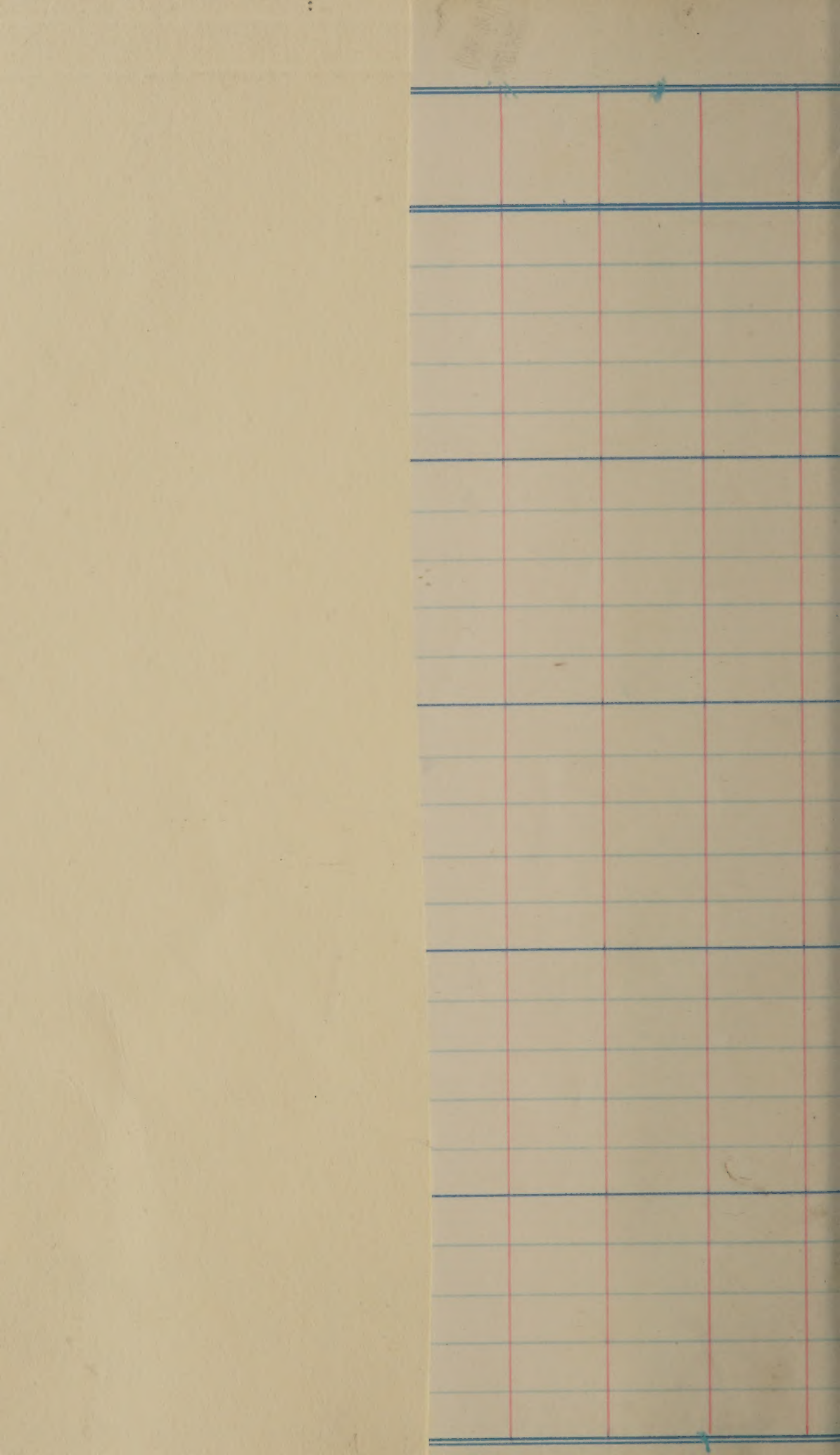
811

✓

✓

2733 2924 16.9

		1st		
		42		
TP49	103	9/4	10/6	52
223	403	9/4		53
	329	608		50
8991	708			50
	9/4	169	10/6	51
Rexoro	104			51
224	401			52
	330	606		53
1779	706			54
	9/12	178	10/15	53
Improved Bluebonnet	105	8/6	8/17	9/7
225	407	8/7	8/17	9/7
	319	503	8/17	54
8992	804	8/6	8/17	51
	8/6	140	9/7	53
Bluebonnet-50	106	8/3	8/10	9/3
226	406	8/4	8/10	9/3
	317	501	8/12	46
8990	801		8/11	46
	8/4	136	9/3	49
8322B47-12-2-4,	107	8/7	8/17	9/7
227 RxF	405	8/7	8/17	9/7
	95	502	8/17	50
9115	802	8/6	8/17	52
	8/7	140	9/7	52



723

640

783

67.5

893

✓

✓

3039 3252 18.8

523

589

653

54.1

671

✓

✓

2436 2607 15.0

898

824

853

76.2

855

✓

✓

3430 3670 21.2

996

906

962

83.9

913

✓

✓

3777 4041 23.3

986

779

921

78.8

860

✓

✓

3546 3794 21.9

Sunbonnet 108 $\frac{8}{3}$ $\frac{8}{10}$ $\frac{9}{3}$ 55
 228 408 $\frac{8}{3}$ $\frac{8}{10}$ $\frac{9}{3}$ 55

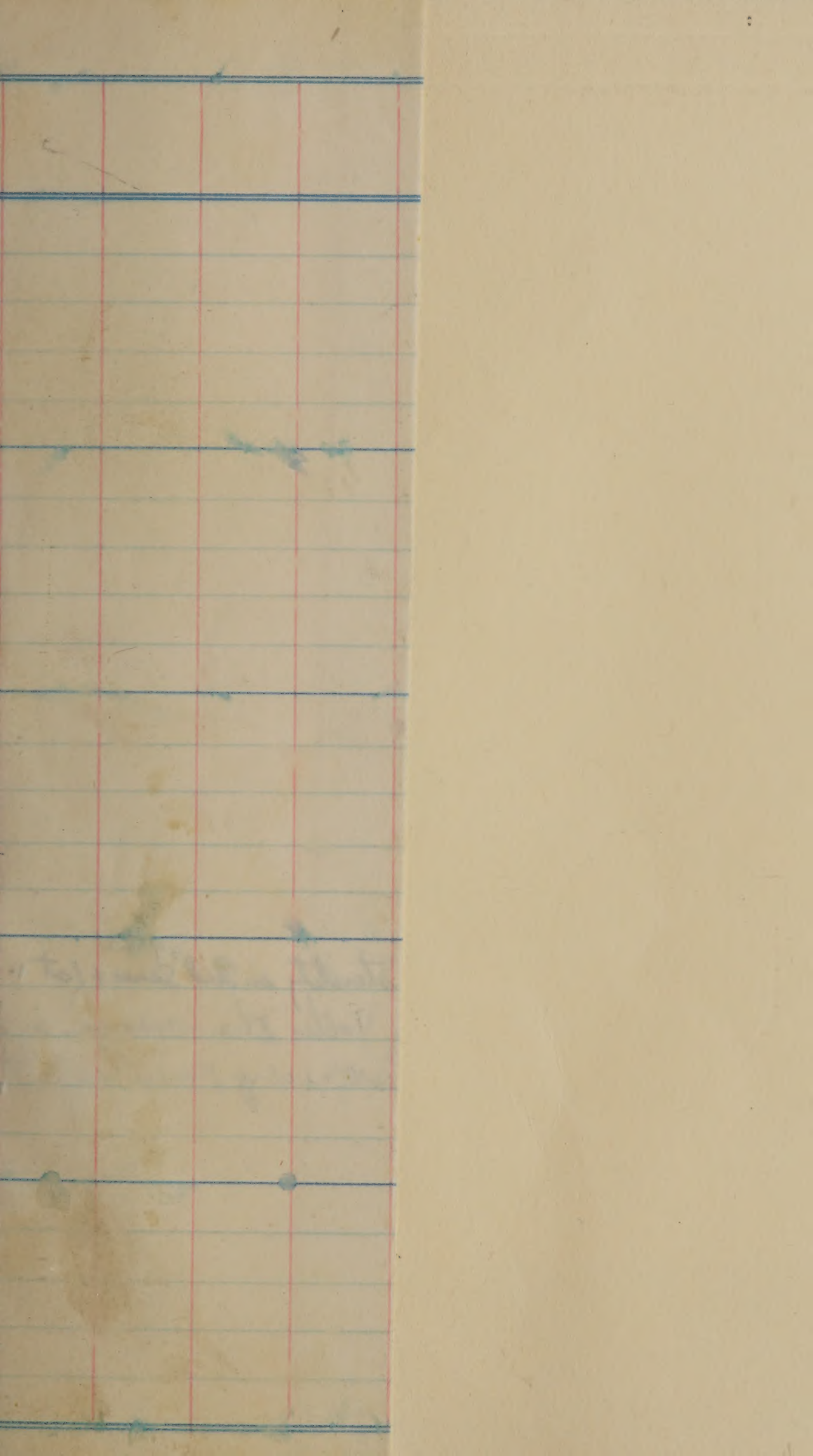
8789 315 504 $\frac{8}{2}$ $\frac{8}{10}$ 53
 803 $\frac{8}{2}$ $\frac{8}{10}$ 55
 $\frac{8}{3}$ 136 $\frac{9}{3}$ 55

44C507-4052 201 $\frac{6}{18}$ $\frac{7}{29}$ 49
 229 R. Pr. Lf x Mag. 304 49
 8998 11 505 $\frac{6}{17}$ $\frac{7}{28}$ 48
 807 45

B4512A1-20, 202 $\frac{7}{12}$ $\frac{8}{11}$ 50
 230 Hill Sol x BBT. 301 $\frac{7}{12}$ $\frac{8}{11}$ 48
 72 506 $\frac{7}{12}$ $\frac{7}{22}$ $\frac{8}{11}$ 45
 9108 805 $\frac{7}{12}$ $\frac{8}{11}$ 46
 $\frac{7}{12}$ 113 $\frac{8}{11}$ 47

Century Patna 231 203 $\frac{7}{22}$ $\frac{8}{2}$ 53
 231 302 $\frac{7}{22}$ $\frac{8}{2}$ 50
 8993 307 508 $\frac{7}{22}$ $\frac{8}{1}$ 43
 808 $\frac{7}{22}$ $\frac{8}{1}$ 44

$\frac{7}{22}$ 122 $\frac{8}{20}$ 48
 B45-15-1-3-5, 204 $\frac{7}{20}$ $\frac{7}{30}$ $\frac{8}{19-54}$ 49
 232 Hill/Mod x Z 303 $\frac{7}{20}$ $\frac{7}{30}$ 48
 301 507 $\frac{7}{20}$ 44
 806 $\frac{7}{20}$ 45
 $\frac{7}{20}$ 120 $\frac{8}{18}$ 47



ty in 3rd ^{+4th} Sense + 1st +
than usual and
very painful affected

1014

938

✓

940

84.2

899

✓

✓

3791 4056 23.4

221

970

✓

927

80.4

899

✓

✓

3617 3870 22.3

868

920

✓

817

73.4

699

✓

✓

3304 3535 20.4

453

444

✓

560

48.4

721

✓

✓

2178 2330 13.4

886

794

✓

743

68.6

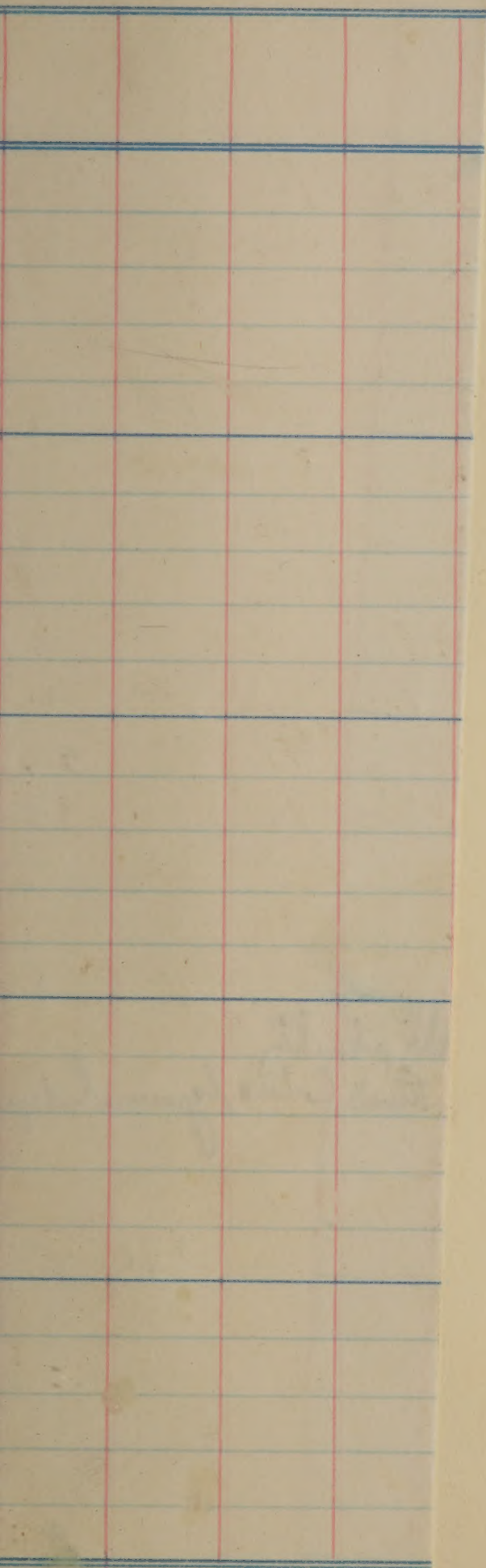
665

✓

✓

3088 3304 19.1

Plyb Mix-11-47-11-1,	205	8/5	8/20	47
233 E.Sh.Gr. Bulk	306	8/3	8/19	47
	168	603	8/5	48
9094	702	8/6	8/20	48
	8/5	141	9/8	48
Caloro	206	7/28	8/9	50
234	305	7/30	8/9	51
	325	604	7/31	48
1561-1	701	7/31	8/9	49
	7/30	138	9/5	50
Blue Rose	207	8/21		56
235	308	8/15	8/21	55
	327	602	8/21	51
2128	704	8/21		54
	8/15	153	9/20	54
Guneki	208	8/5	8/17	42
236	307	8/5	8/17	42
	113	601	8/7	42
	703	8/6	8/16	44
	8/6	143	9/10	43



city
color by annual days

847

898

✓

750

75.3

895

✓

✓

3390 3627 20.9

1093

1035

✓

1098

94.9

1046

✓

✓

4272 4571 26.4

719

682

✓

775

65.9

791

✓

✓

2967 3175 18.3

1231

1100

✓

1027

97.6

1035

✓

✓

4393 4701 27.1

Sown ^{14 Aug} ~~Sown~~ May 11

Improved Bluebonnet 101 8/19 9/51 45
241 406 8/19 8/30 50

8992 319 506 8/19 50
802 8/19 51

8/19 135 9/23 49

Bluebonnet-50 102 8/16 9/25 47

242 405 8/16 8/25 49

317 505 8/15 8/24 49

8990 801 8/15 8/24 48

8/16 130 9/18 48

B322B47-12-2-4, 103 8/20 9/1 49

243 RxF 407 8/20 8/30 52

95 508 8/20 50

9115 803 8/20 52

8/20 135 9/23 51

Sunbonnet 104 8/15 8/25 50

244 408 8/15 8/25 51

315 507 8/15 8/24 51

8789 804 8/14 8/24 50

8/15 130 9/18 51

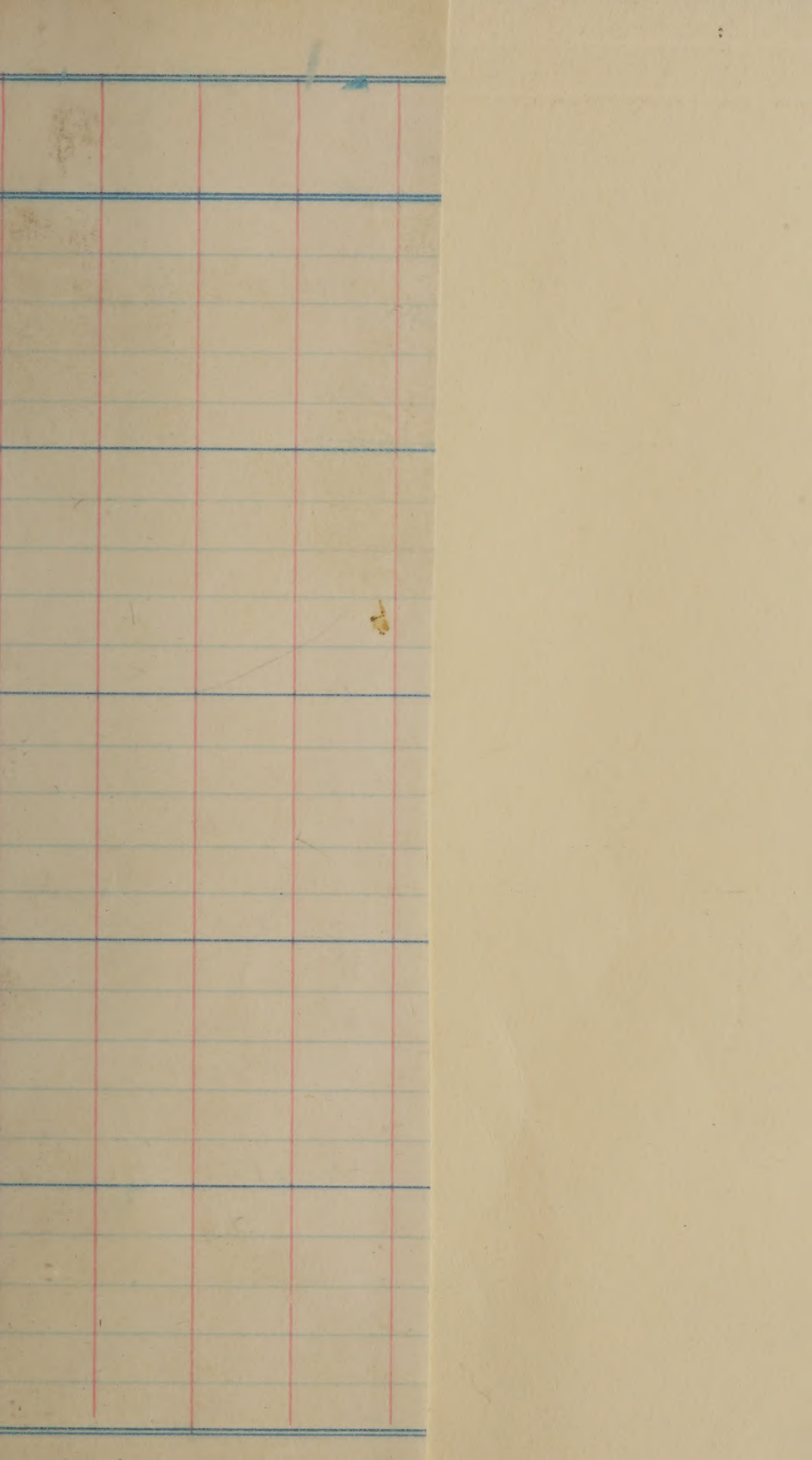
HO-421-2-1-1, 105 8/19 9/5 45

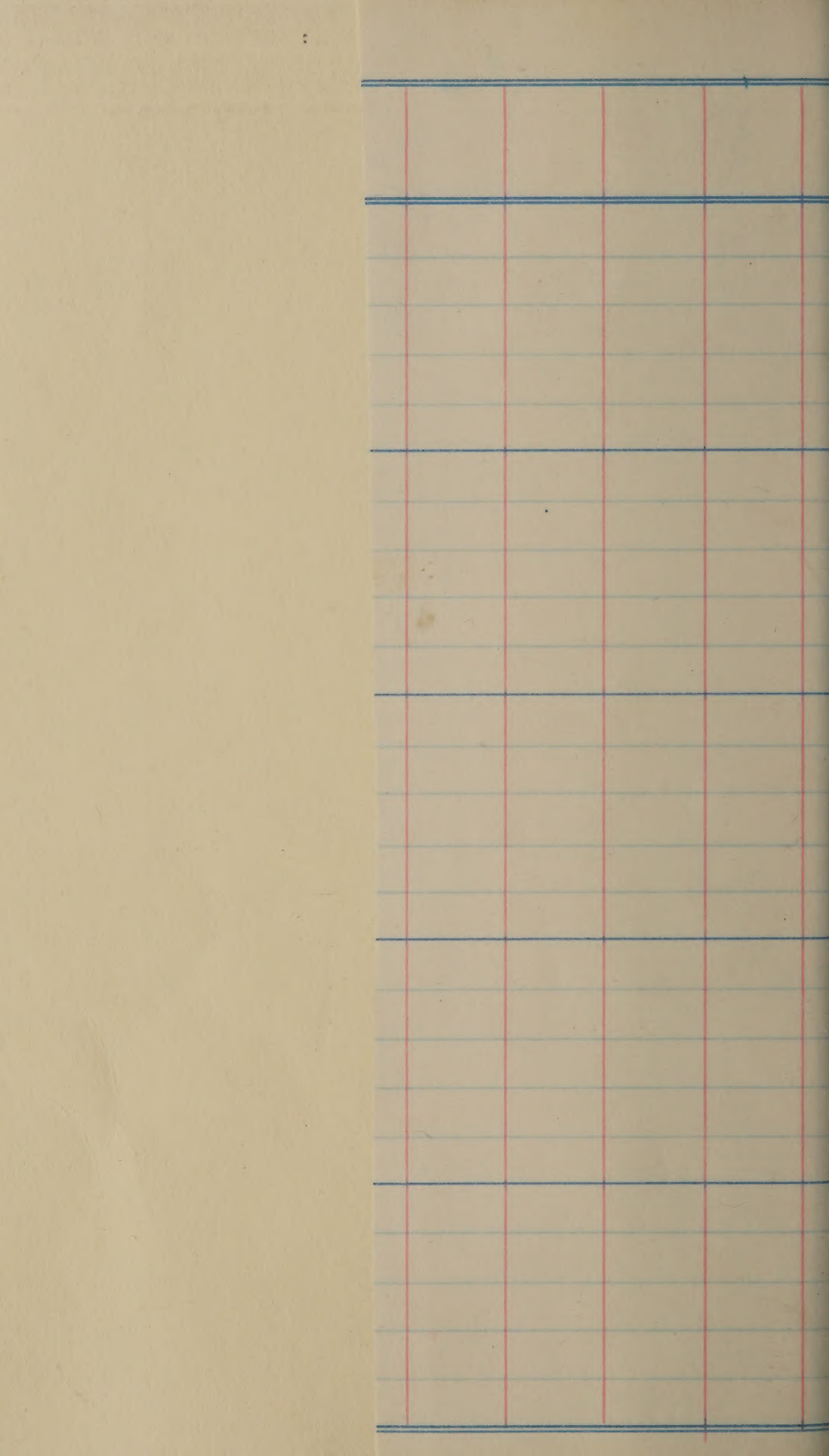
245 TPx B3812A 401 8/21 43

103 501 46

9111 808 47

8/20 135 9/23 45





702		
864		✓
763		71.5
891	✓	✓
<u>3220</u>	3445	19.9

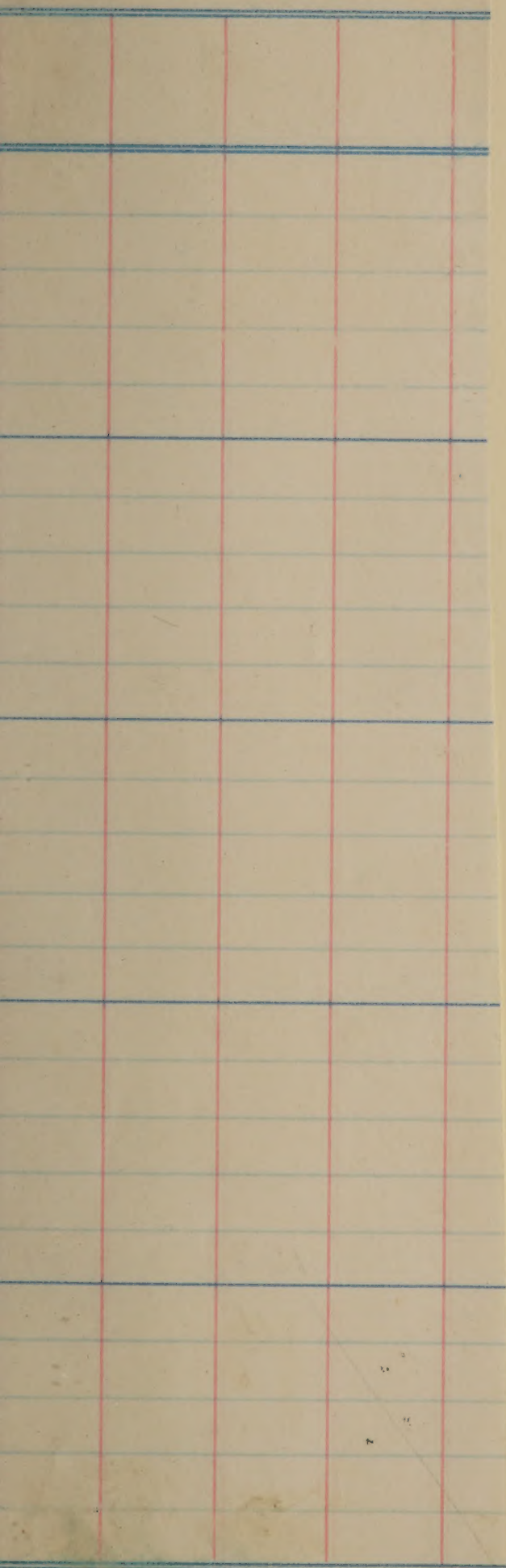
737		
714		✓
862		67.7
<u>736</u>	✓	✓
3049	3262	18.8

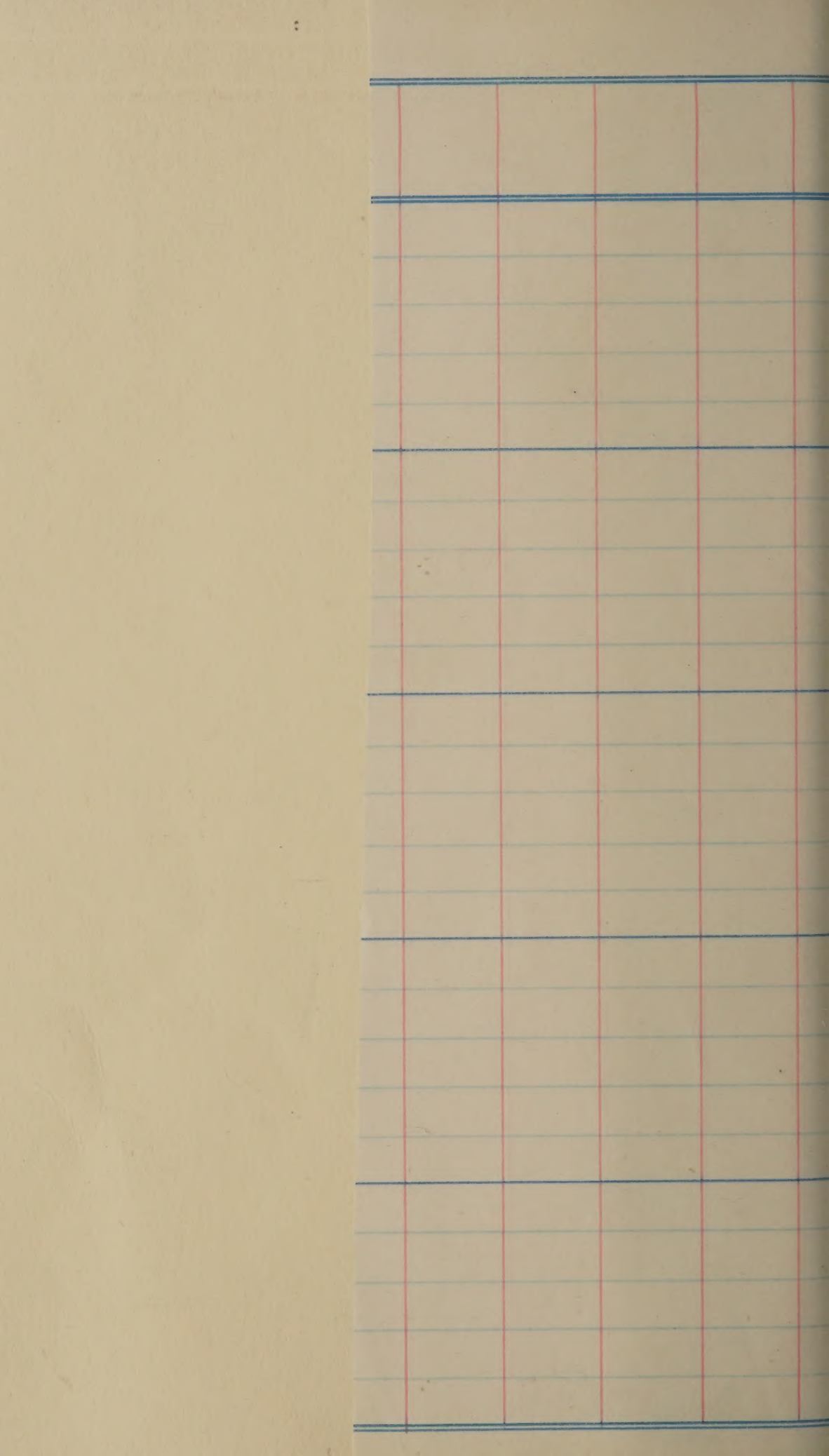
781		
786		✓
844		72.1
<u>835</u>	✓	✓
3246	3473	20.0

714		
740		✓
768		66.5
<u>772</u>	✓	✓
2994	3204	18.5

695		
636		✓
941		72.1
<u>971</u>	✓	✓
3243	3470	20.0

Texas Patna	106				48
246	404	9/9	9/20	10/12	48
	331	503			50
8321	807				51
	9/9	154			49
TP 49	107				47
247	403	9/10	9/21	10/12	49
	329	502			46
8991	805				47
	9/10	154			47
Rexoto	108				48
248	402	9/15		10/19	47
	330	504			49
1779	806				50
	9/15	161			49
Hyb Mix-11-47-11-1,	201	8/15	8/26		42
249 E. Sh. Gr. Bulk	301	8/15	8/26		43
	168	605	8/14	8/24	46
9094	702	8/15			44
	8/15	129	9/17		44
Caloro	202	8/7	8/16		48
250	307	8/8	8/16		48
	325	607	8/7		50
1561-1	701	8/8	8/16		48
	8/8	122	9/10		49





528

517

✓

617

51.4

651

✓

✓

2313 2475 14.3

680

619

✓

762

60.3

651

✓

✓

2712 2902 16.7

515

384

✓

514

43.9

563

✓

✓

1976 2114 12.2

911

734

✓

876

75.7

888

✓

✓

3409 3648 21.0

1086

1055

✓

1068

95.9

1109

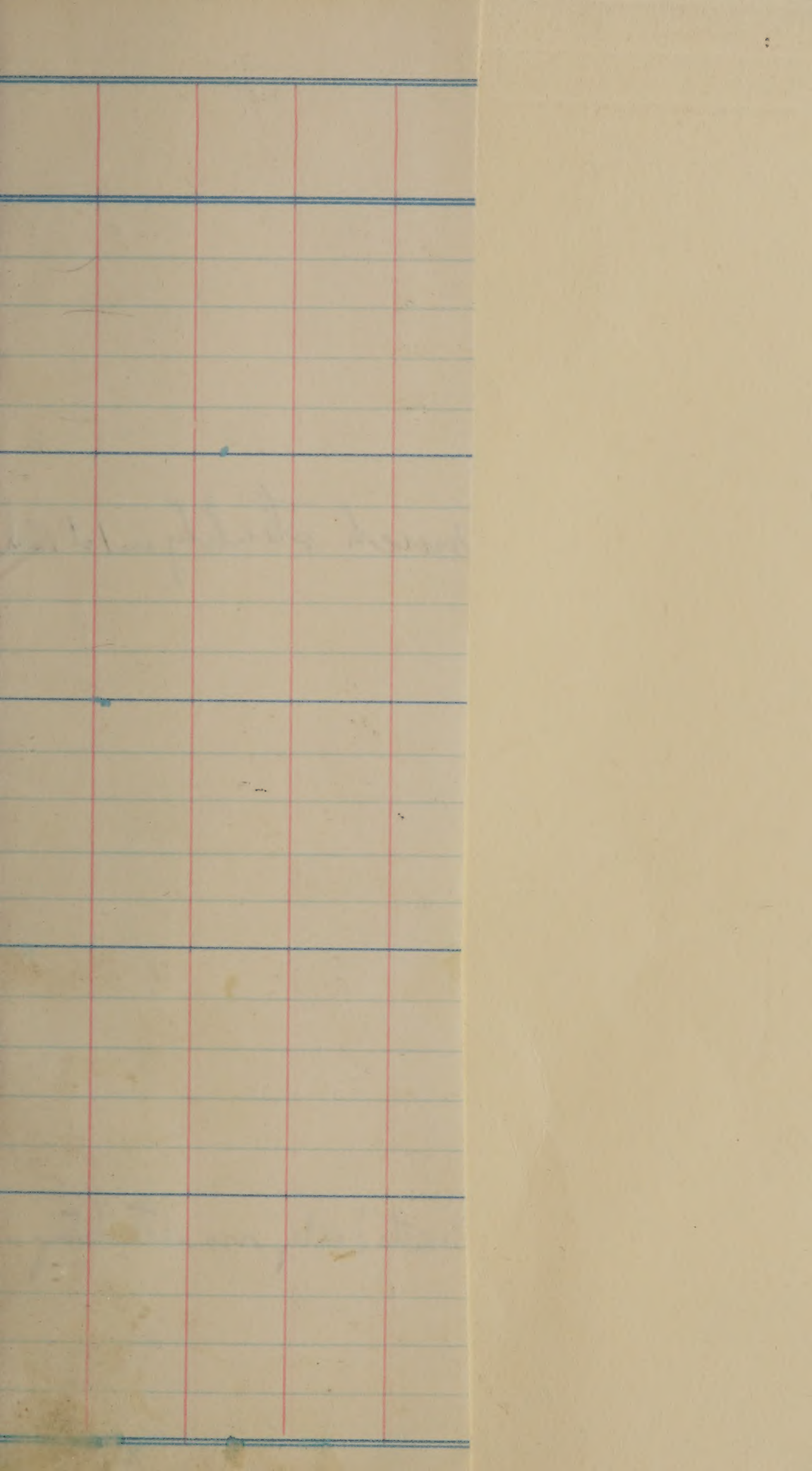
✓

✓

4318 4620 26.7

no days

Blue Rose 251	203	8/21	9/1	53		
	306	8/24	9/1	54		
	327	606	8/23	53		
	2128	704	8/23	56		
		8/23	135	9/23	54	
Guneki' 252	204	8/10	8/21	40		
	206	8/10	8/21	42		
	113	608	8/10	8/21	41	
	703	8/10	8/21	41		
		8/10	132	9/20	41	
44C 507-4052, 253 R-P.Lfx Mag.	205	8/3	8/9	9/2	46	
	304	8/4	8/10	9/1	46	
	11	603	8/2	8/8	49	
	705	8/1	8/8	53		
	8998	8/3	114	9/2	49	
B4512A1-20 254 H.11 Selx BBt	305	7/27	8/4	8/22	45	
	308	7/27	8/4	8/22	44	
	72	601	7/25	8/2	8/22	46
	708	7/25	9/2	8/22	50	
	9108	7/26	103	47		
Century Patna 231 255	207	8/6	8/15	9/7	50	
	302	8/6	8/15	9/5	44	
	307	604	8/5	8/15	51	
	707	8/5	8/15	53		
	8993	8/6	118	9/6	51	



much stinkiness in 1st & 2nd

practically no stinkiness

1012

997

✓

937

88.3

1030

✓

✓

3976 4254 24.5

644

670

✓

761

63.9

799

✓

✓

2874 3075 17.7

1011

996

✓

954

86.5

934

✓

✓

3895 4168 24.0

838

650

✓

417

56.1

619

✓

✓

2524 2701 15.6

946

840

✓

799

77.9

923

✓

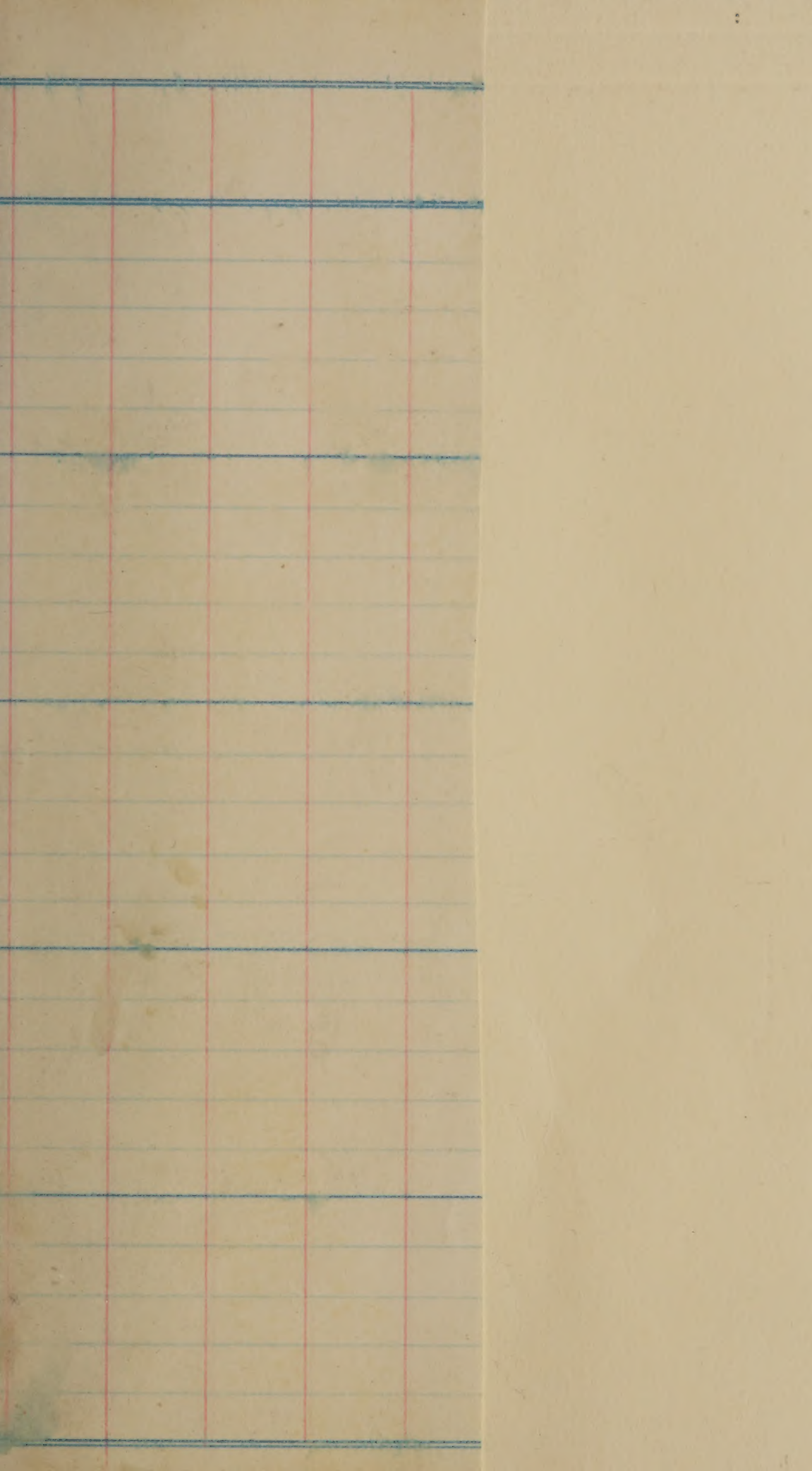
✓

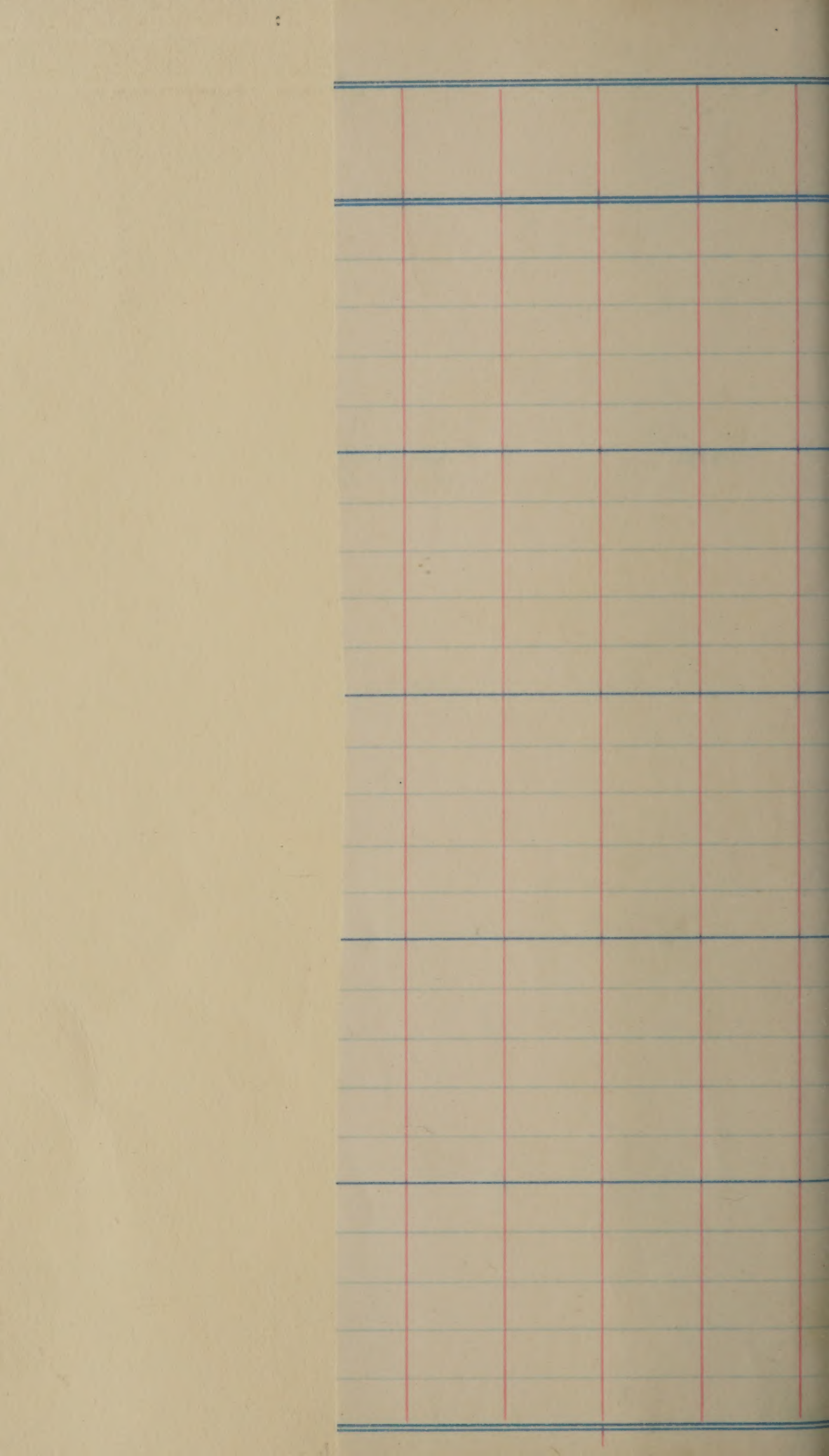
3508 3754 21.7

B45-15-1-3-5	208	8/2	8/10	8/31	44
256 Hill Med x 2	303	8/1	8/8	8/31	45
	301 602	8/2	8/7		46
	706	8/2	8/7	5	47
		8/2	112	8/31	46

June Date Sown June 4

B322B4712-2-4	101	9/19	10/25	40
261 Rx F	308			44
	95 607			50
9115	802			44
		9/19	133	46
Improved Bluebonnet 102		9/18	10/23	45
262	306			47
	319 605			49
8992	801			47
		9/18	131	47





842

797

746

844

3229 3455 19.9

✓
71.7

✓

401

609

677

663

2350 2515 14.5

558

793

760

602

2713 2903 16.7

✓

52.2

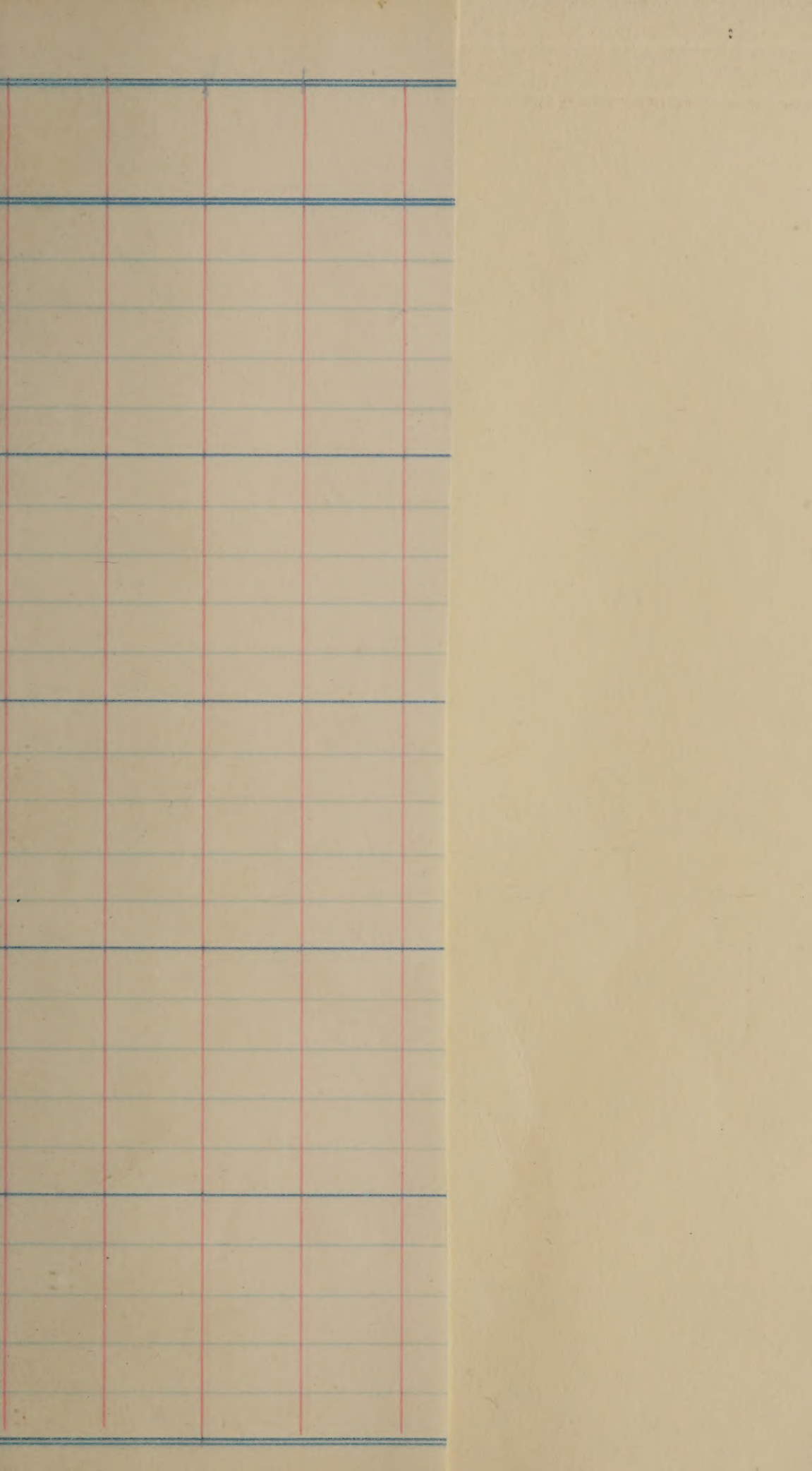
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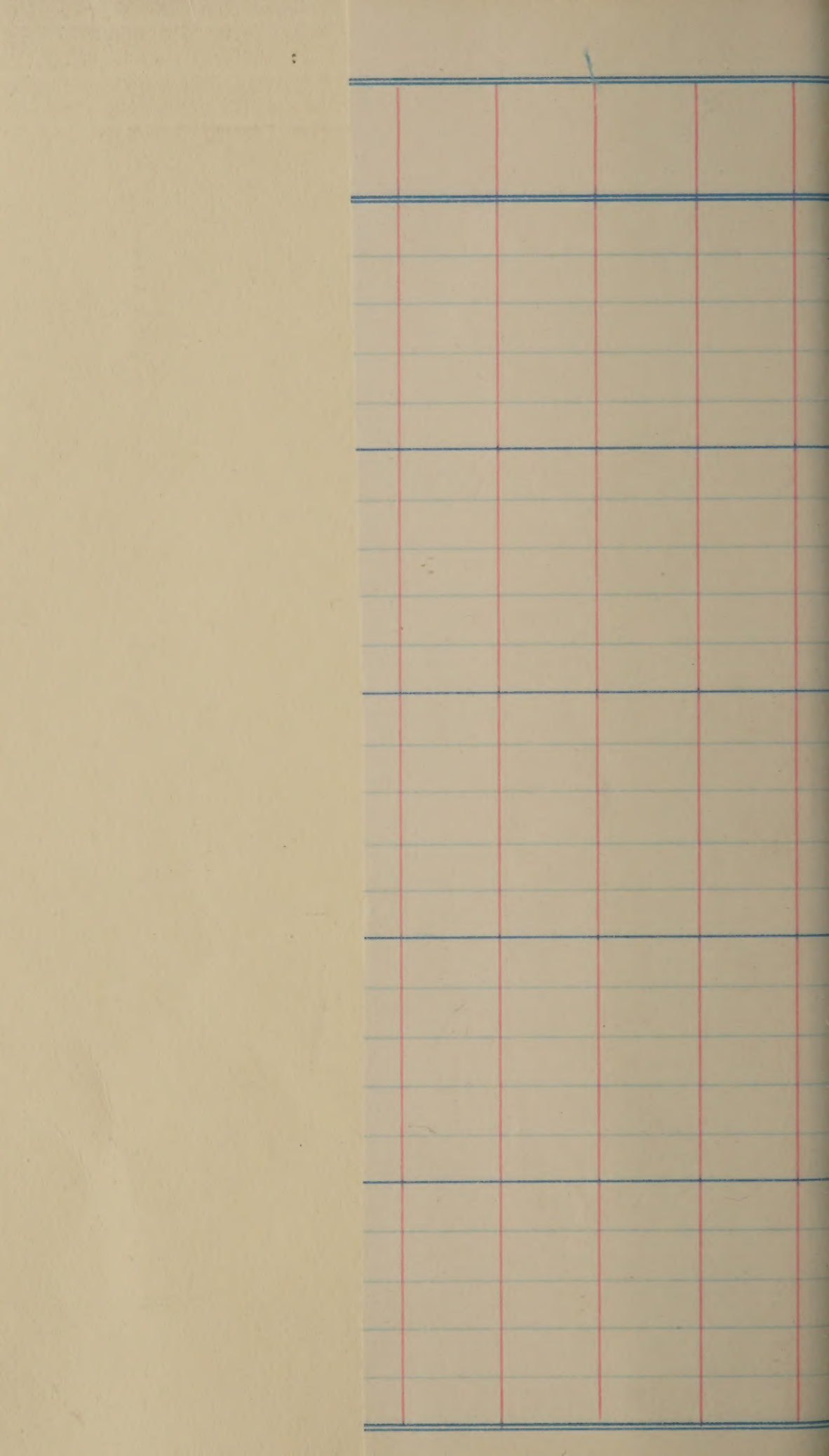
✓

60.3

✓

Sunbonnet 263	103	9/16	9/26	10/20	49
	305				48
	315 606				50
8989	803	9/16	128		48
					49
Bluebonnet-50 264	104	9/16	9/26	10/20	47
	307				46
	317 608				50
8990	804	9/16	128		46
					47
Caloro 265	105	8/30	9/6	10/5	38
	408	8/31	9/6		42
	325 505				40
1561-1	701	9/31	113		37
					39
Blue Rose 266	106				46
	405				44
	327 508				44
2128	704	9/10	123	10/15	50
					48
Hyb-Mix-11-47-11-1 267	107				41
	E. Sh. gr. Bulk 407				41
	168 506				42
9094	702	9/8	120	10/12	40
					41





692

759

798

64.3

643

✓

✓

2892 3094 17.9

815

902

✓

800

72.0

725

✓

✓

3242 3469 20.0

595

737

✓

663

52.0

347

✓

✓

2342 2506 14.5

738

864

✓

747

70.4

820

✓

✓

3169 3391 19.6

793

876

✓

1043

80.6

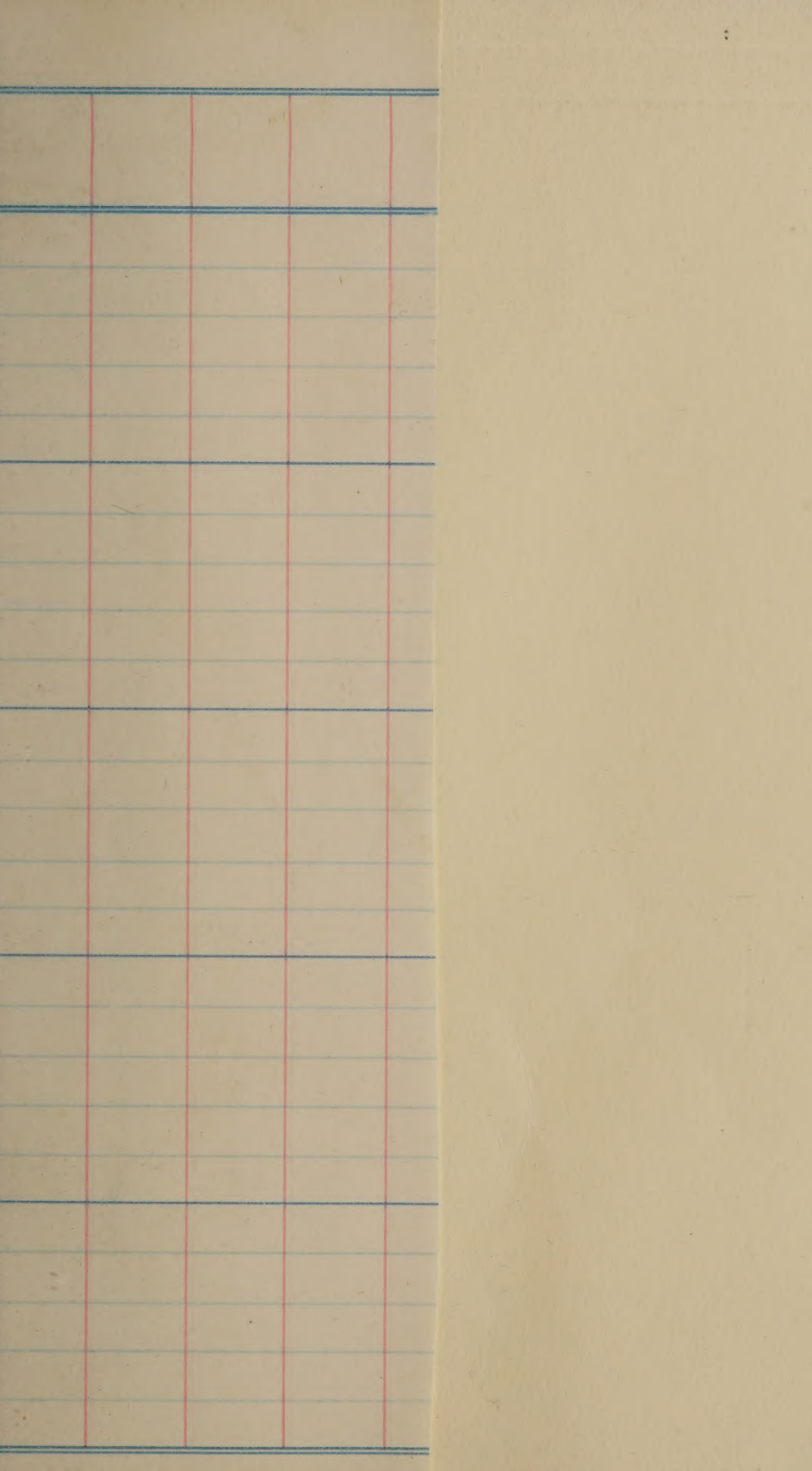
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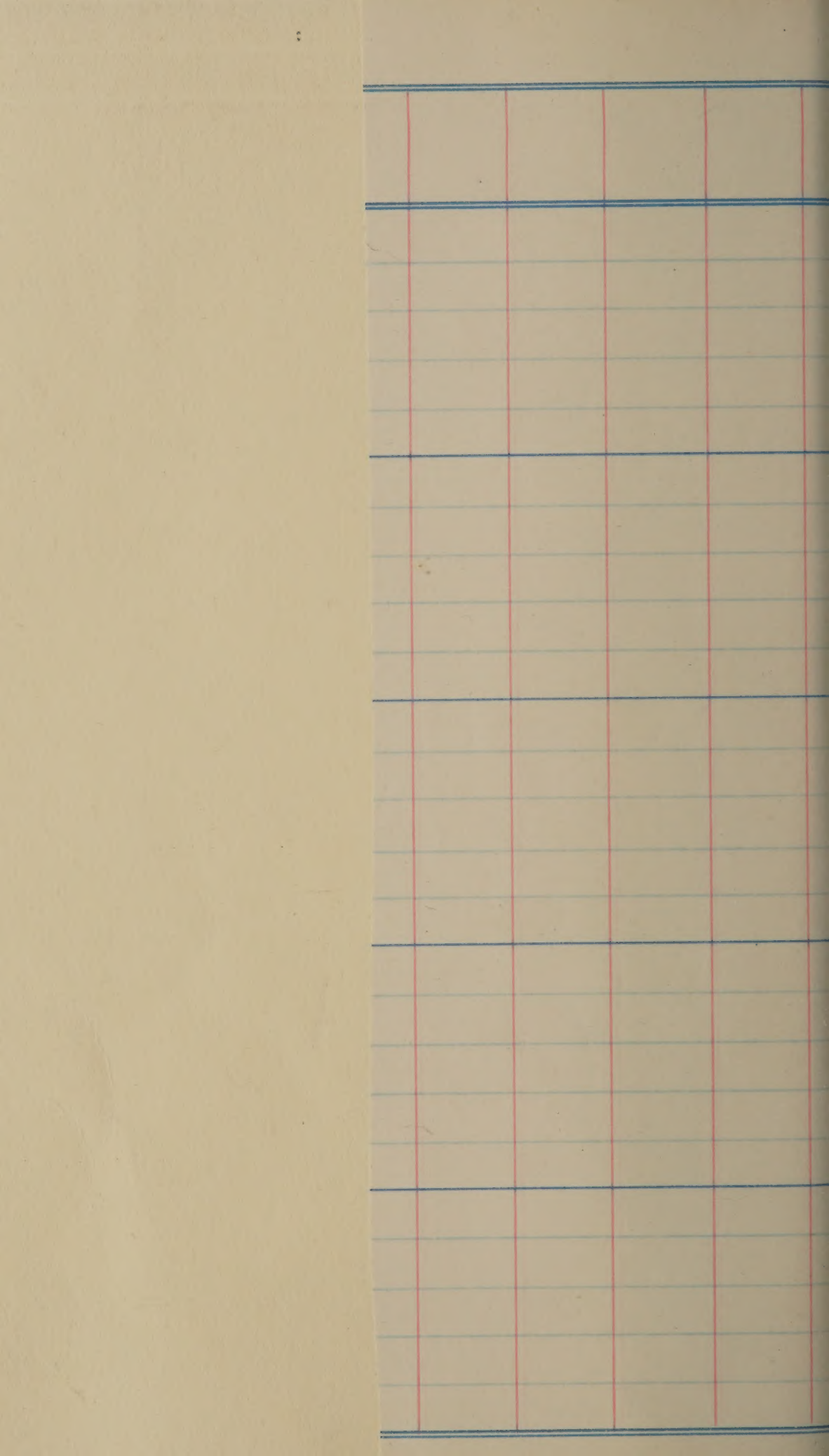
✓

✓

3628 3882 22.4

268	Guneki	108	9/4	10/8	29
		406	9/3		34
		113 507			32
		703			35
			9/4	116	33
269	Rezero	201	10/10		43
		303			46
		330 602			45
		1779 808			50
			10/10		46
270	HO-421-2-1-1 TPxB3812A	202	9/22	10/26	44
		301			43
		103 604			46
		9111 806			45
			9/22	134	45
271	TP 49	203	10/3		50
		304	20 earlier than TP on 50		
		329 603	further advanced on 10/16		
		8991 807			50
			10/3	154	11/15 50
272	Texas Patna	204	10/5	full 10/15	49
		331 302			49
		601			51
		8321 805			50
			10/5	154	11/15 50





295

569

✓

424

43.4

663

✓

✓

1951 2088 12.0

634

431

✓

934

61.9

787

✓

✓

2786 2981 17.2

370

367

✓

540

39.0

478

✓

✓

1755 1878 10.8

189

207

✓

35

11.0

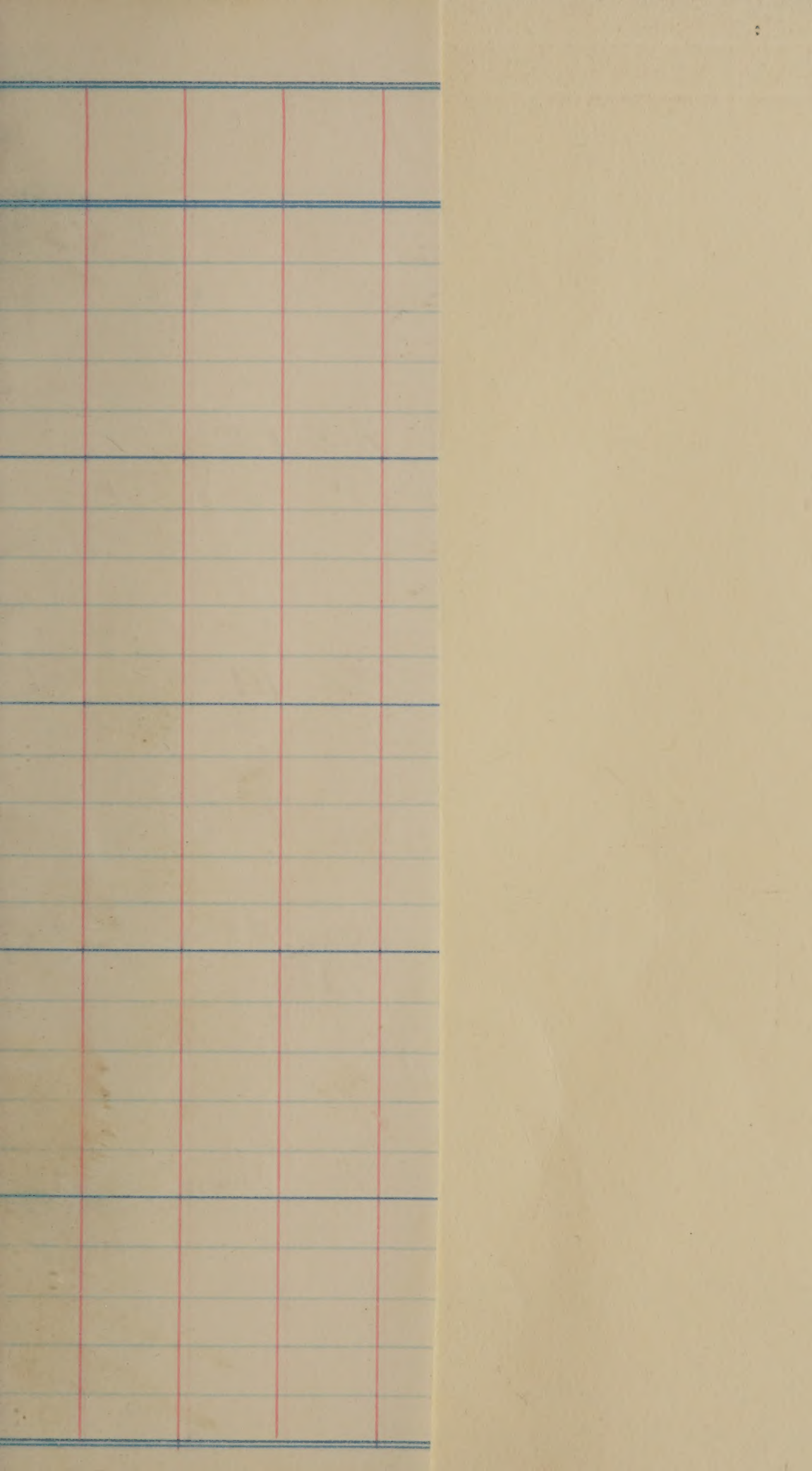
64

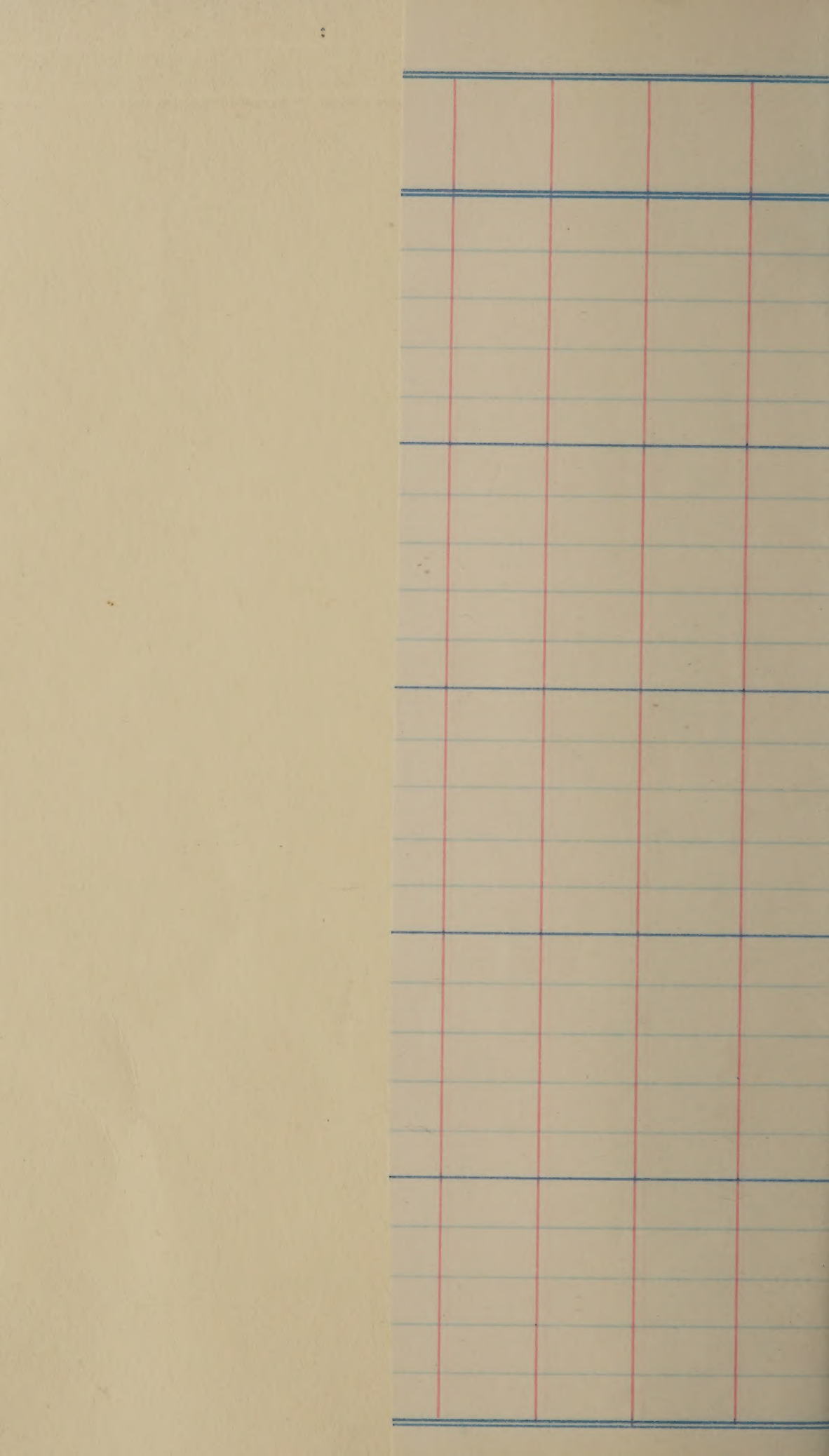
✓

✓

495 530 3.1

B45/2A1-20	205	8/24	9/5	40
273 Hill Sel/xBBt	401	9/24	9/6	34
	72	502		37
9108	708	8/20		42
		8/23	100	9/22 39
Century Patna 231	206	9/5	10/8	47
274	402			43
	307	501		41
8993	705			47
		9/5	116	10/8 45
44C507-4052	207	9/5	10/3	46
275 R-R-LfxMag.	404	9/3		44
	11	504		43
8998	706			46
		9/2	111	45
Zenith	208	9/2	10/4	47
276	403	9/4		49
	304	503		42
7787	707			51
		9/3	112	47





480

437

✓

490

42.9

527

✓

✓

1929 2064 11.9

649

533

✓

495

53.5

732

✓

✓

2409 2578 14.9

790

698

✓

773

69.4

861

✓

✓

3122 3341 19.3

920

744

✓

795

73.3

839

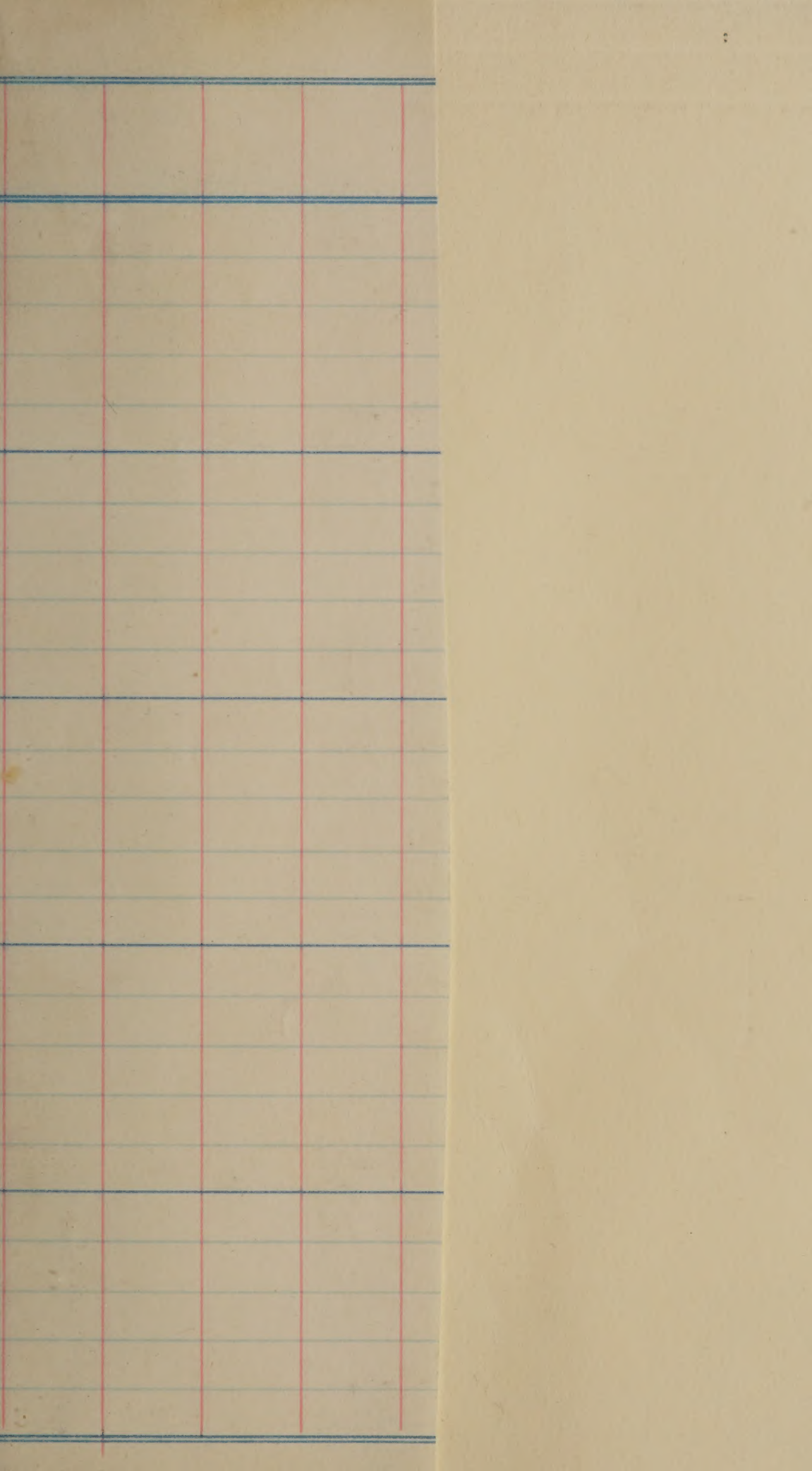
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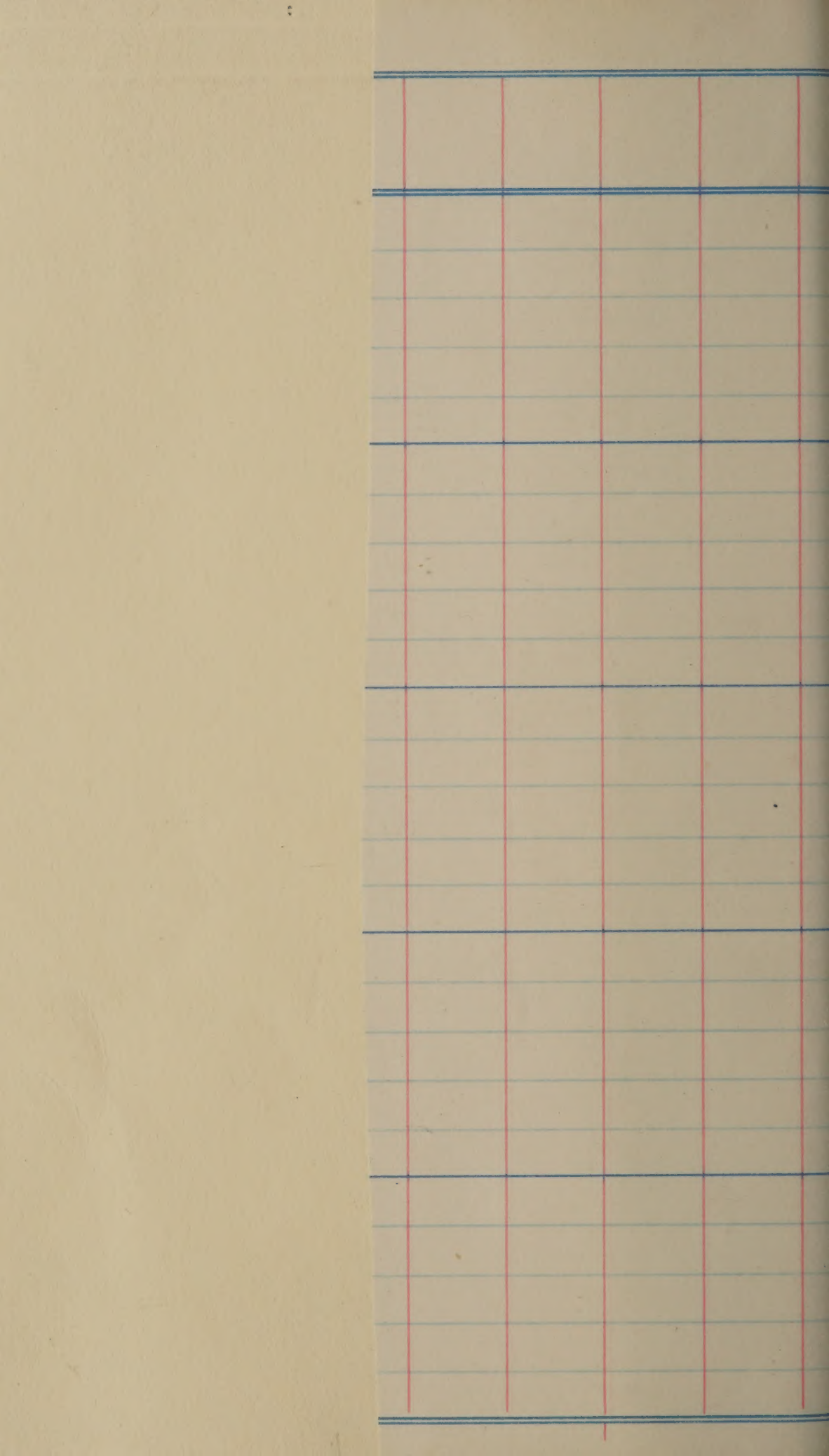
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3298 3529 20.4

July date Sawn July 12

B4512A1-26	101	9/23	10/25	34	
281 Hill Sel x BBT	307			35	
	72	607		41	
9108	804			39	
		9/23	105	37	
Zenith	102	10/1	✓	10/31	47
282	305				46
	304	605			50
7781	801				45
		10/1	111		47
44C507-4052	103	10/1	✓	10/28	40
283 R-Pr Lfx Mag	306				42
	11	606			44
8998	802				44
		10/1	108		43
Century Patna ²³¹	104	10/3			43
284	308				42
	307	608			45
8993	803				42
		10/3	126	11/15	43
Blue Rose	105	9/25			43
285	405		after mark 1.		44
	327	506			41
2128	703				45
		9/25	118	11/7	43





361

608

✓

627

48.8

599

✓

✓

2195 2349 13.5

457

665

✓

513

45.7

423

✓

✓

2058 2202 12.7

564

627

✓

596

50.7

496

✓

✓

2283 2443 14.1

487

459

✓

473

45.0

607

✓

✓

2026 2168 12.5

665

679

✓

596

57.9

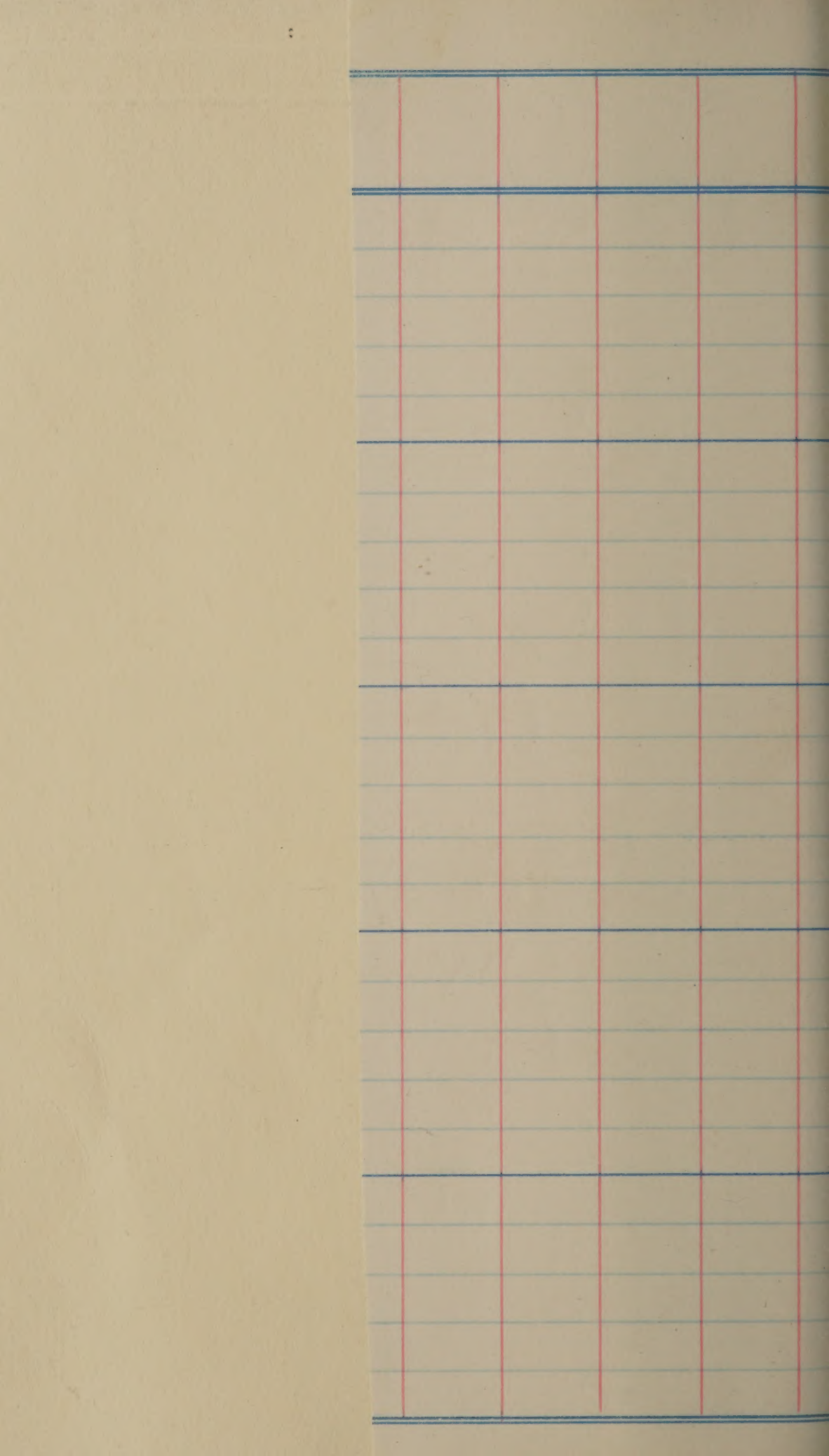
666

✓

✓

2606 2788 16.1

288	Guneki	106	9/20	10/25	31
		408			32
		113 508			33
		701			34
			9/20	105	33
287	Hyb-Mix 11-47-11-1, E.Sk. Gr. Bulk	107	9/24	10/26 but immature after 11/1	33
		406			34
		168 505			40
		702			41
9094			9/24	106	39
288	Caloro	108	9/15	9/24	10/23
		407			
		325 507			
		704			
1561-1			9/15	103	37
	Earlier than any other varieties				37
289	Bluebonnet 50	201	10/5		40
		302			41
		317 604			49
		808			45
8990			10/5	126	11/15
290	B322B47-12-2-4 R x F	202	10/8		44
		301			43
		95 601			44
		807			49
9115			10/8		46



700		
564		✓
759		62.7
<u>798</u>	✓	✓
2821	3018	17.4

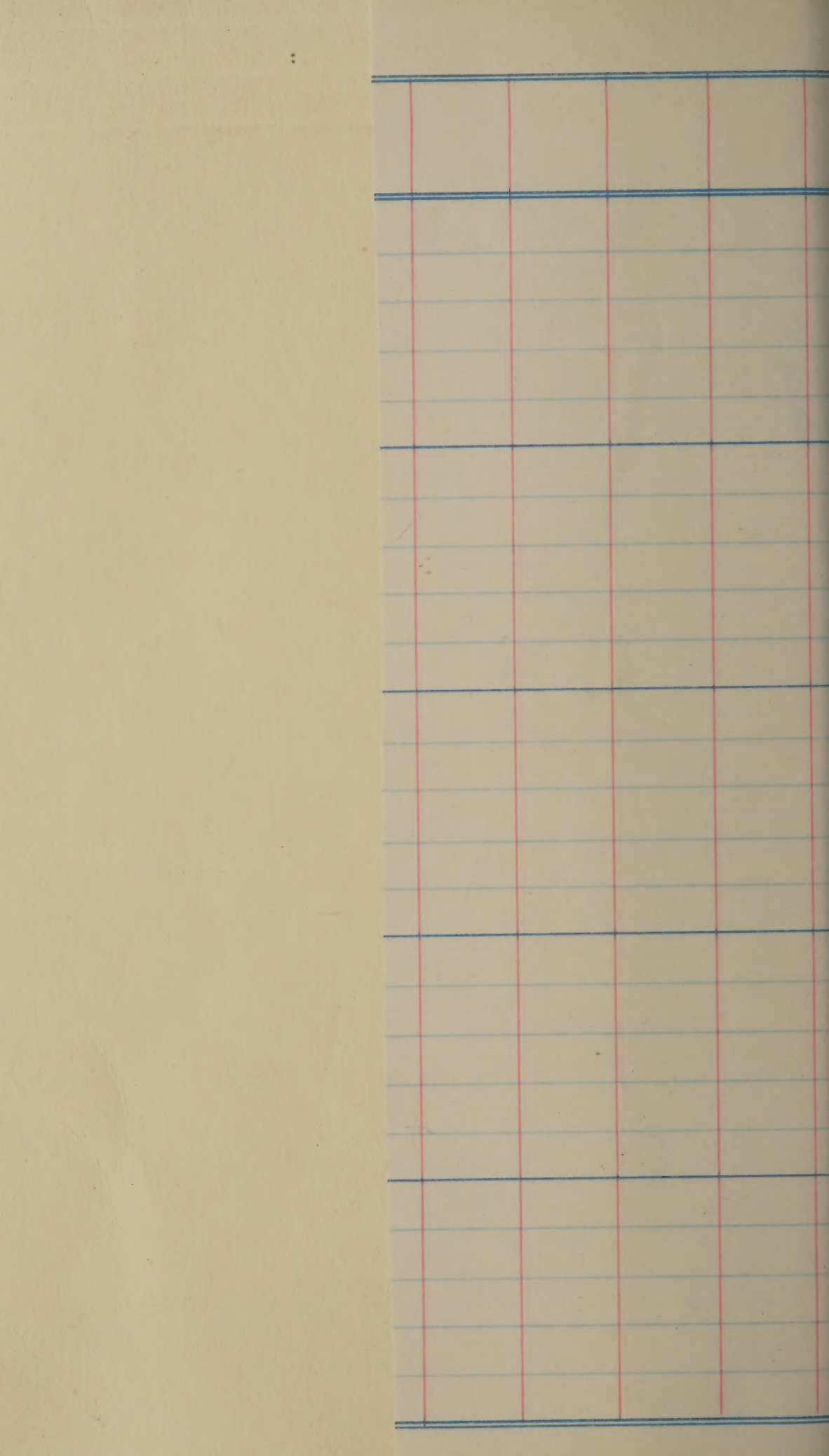
557		
628		✓
724		55.3
<u>581</u>	✓	✓
2490	2664	15.4

834		
818		✓
909		75.6
<u>843</u>	✓	✓
3404	3642	21.0

293		
494		✓
541		38.5
<u>405</u>	✓	✓
1733	1854	10.7

Sunbonnet	203	10/4	10/20	11/15	46
291	304	2 much further advanced			
	315	603	on 10/26 then Blst - 50 in lat		
8989	806	v. little difference in 2nd.			
v. little difference in met in 3rd + 4th replications					
Improved Bluebonnet	204	10/10			45
292	303				46
	319	602			48
8992	805				47
		10/10			47
B4524A1-43-3-2,	205	10/1			43
293 TP49x(TPxR-SBR)	402				39
	86	501			40
9114	707				44
		10/1	126	11/15	42
HO-421-2-1-1	206	10/18			42
294 TPxB3812A	401				38
	103	502			45
9111	705				42
		10/18			42
B4511A1-18-2-3	207	10/1			44
295 Hill Sel x	403				44
(TPxR-SBR)	89	504			45
	708				47
		10/1			45

7
9
9
8



420

342

381

259

1402

none

1500

8.7

31.2

✓

✓

✓

426

572

407

403

1808

1935

11.2

40.2

✓

✓

✓

Rup

B4356 A1-32-1-7-2 208

296 8326x8323-Z 404

78 503

706

9/30

10/25 39

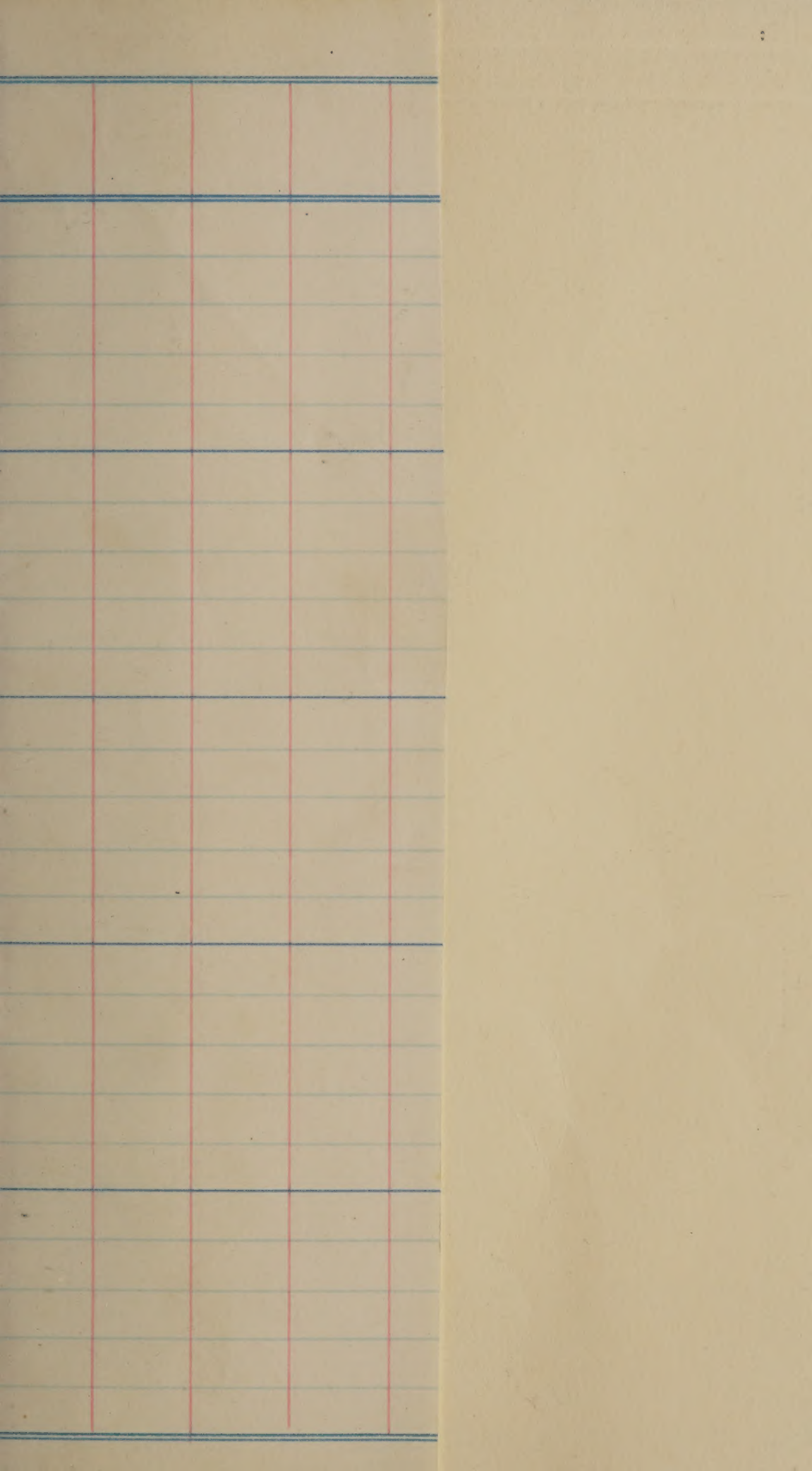
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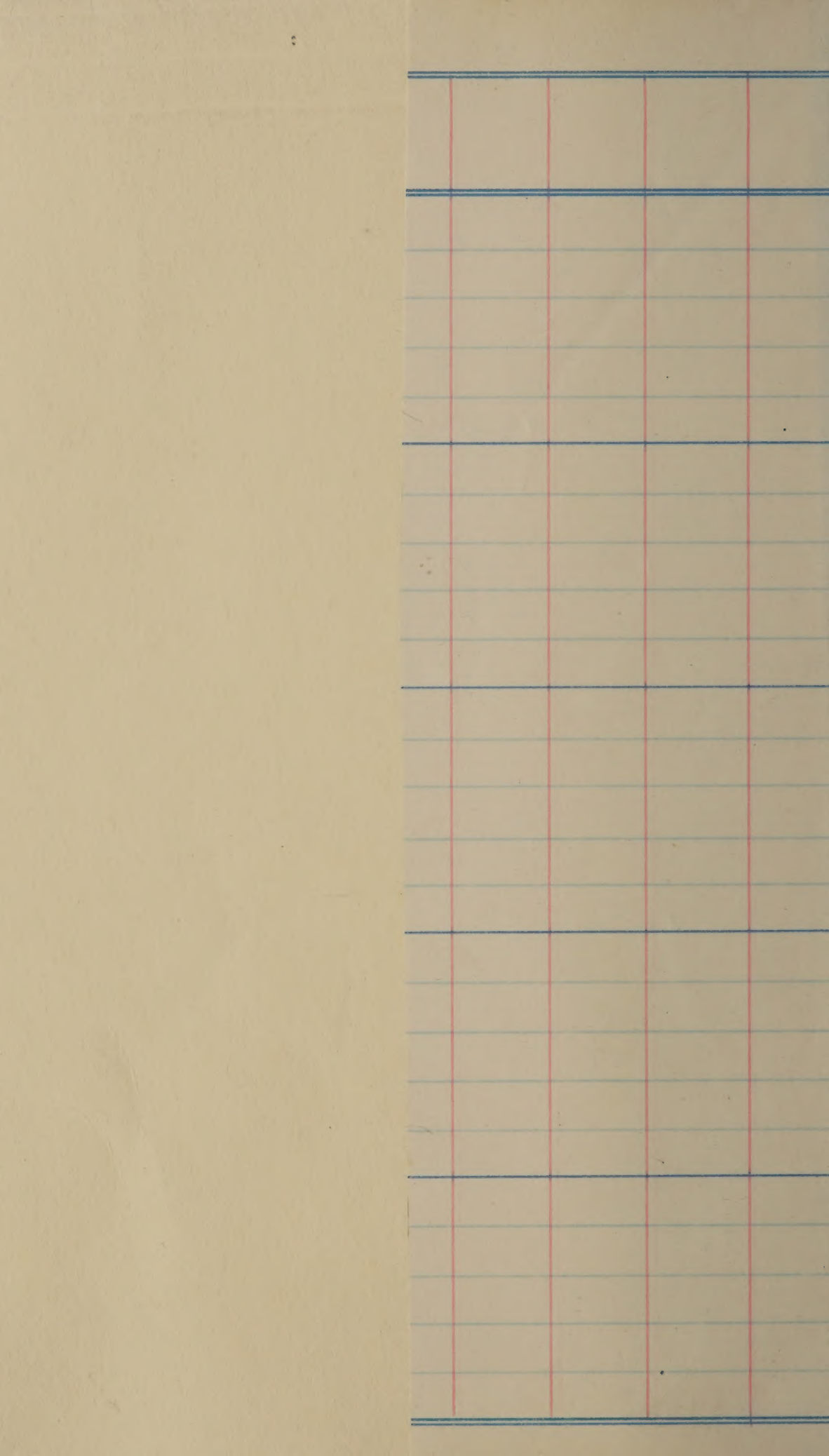
143

41

41

9/30 105





710

622

✓

720

61.1

699

✓

2751

2944

✓
17.0

73

Simple Row Date Idg

Nv

121 7 all

✓ 297 PI-160, 494 486 101 7/2 Seg 8/16 41
ARON Lea (ch.)

✓ 298 PI-160, 511 (ch.) 102 6/24 Seg 8/ 48
Tai NUNG 4 Hao 495

✓ 299 PI-160, 537 (ch.) 103 7/5 Seg up 9/4 43
513

X 300 PI-160, 731 (ch.) 104 7/12 47
533

X 301 PI-160, 799 (ch.) 105 8/5 8/15 npe 9/6 42
544

✓ 302 PI-160, 820 (ch.) 106 8/5 8/16 npe 9/6 42
547

X 303 PI-160, 840 (ch.) 107 6/29 8/3 8/6 47
554
Remove off of head of mouth

✓ 304 PI-161, 056 (ch.) 108 7/19 npe 9/2 48
606

✓ 305 PI-161, 039 (ch.) 109 624

X 306 PI-161, 563 (Ven.) 110 7/7 51
(criollo) much like Honduran, Prob ab
thru

307 PI-162, 096 (Jap) 111 6/6 Seg 6/22 7/21 32
648

308 PI-162, 107 (Jap) 201 7/6 npe 9/4 38
656

6/21 Seg 7/19 8/10 36

X 309 PI-162, 122 (Jap) 202 668
NORIN #32

X 310 PI-162, 150 (Jap) 203 6/29 7/21 8/10 36
SUTO NORIN-32 687

nt, sh. gap. irreg. hd prot long length

nt gap, bad for Ho

in heading, short gap, good,

nt gap, not as uni hdy as 301

Honduras type, full grain

rather wide leaves, long erect flags,
clustered panicle type, stream like back
late

nt gap, only fair

like 310

nt gap, no co, green straw

		Ripe	ht
9/11			29
9/4			40
9/10			33
9/15	9/25		34
9/8			32
9/8			32
9/2			40
9/10			37
			31
9/8			42
8/27	9/6	9/20	28
very bad for mildew			
9/7			34
8/30	9/7		33
9/28	9/5		31

HO CD

Has exceptionally short stem late maturity. R

R

St

R

R

St

R

St

R

R

R

R

Trace

?

St

R

St

R

St

R

- 311 PI-163,540 (cd.) 204 7/18 54
Fortuna type 909
- 312 PI-163,575 (Guat.) 205 6/30 7/14 52
910
- 313 PI-165,610 (Hand) 206 7/21 ripe 9/1 58
(Nirat type) 925
- X 314 PI-167,927 (Turk.) 207 6/11 7/19 45
(Fort. type) 933
Early & short straw, profuse stems, nice.
v. good 2nd crop.
- X 315 PI-167,930 (Turk.) 208 6/15 7/19 44
(V. large Grain) 935
- X 316 PI-167,931 (Turk.) 209 6/10 7/10 37
(V. large Seed) 936
- X 317 PI-170,985 (Iran) 210 6/24 7/15 8/2 51
942
much shorter straw than 318. Long - grain
some heads, non purple
- X 318 PI-175,473 (INDIA) 211 7/2 7/19 8/2 (Hr) 65
956
v. tall, long grain, mk chan, pr heard.
- X 319 PI-175,474 (INDIA) 301 6/30 7/15 64.
957
- X 320 PI-180,177 (Peru) 302 6/20 8/2 58
Lambayque #1 976 Some as 345
mk chan, sl, over ripe when cut
- X 321 PI-180,182 (Peru) 303 6/18 52
Siem Garden 982
much shorter - 1) mk straw
- 322 PI-182,251 (Turk.) 304 6/16 47
S To H O 986
- X 323 PI-183,331 (IND.) 305 6/16 48
995
- X 324 PI-185,810 (B.G.) 306 6/18 55
T-1 1222

Prob Fort.

col. has exceptional 2nd growth
(all 3 have very short stems)
and are v. early types.
Dry grains like like Pond but
much shorter stem, Adv to yield plot
short stem, rather heavy tillering

all

OK for converted.

9/21

49

9/4

49

9/25

51

8/21

9/3

9/18

41

8/26

9/5

9/18

42 ✓

8/24

9/5

9/18

39

9/4

49

9/4

55

8/31

61

9/5

52 ✓

✓

9/4

49

8/28

42 ✓

8/31

48

9/4

51

CO

Trace

Trace

in March date R

looks better than other ones for yield -

R

R

R

R

Full ripe

- 325 PI-185,811 (B.G.) 307 6/20 52
T-1 1223
Tall, mk straw
- X 326 PI-187,084 (Jap.) 308 6/12 7/17 35
OK 1228
V short straw, Jap type
- 327 PI-190,192 (ECUA) 309 6/21 52
- 328 PI-190,199 (BRAZIL) 310 7/2 8/11, ripe 9/2 52
(Japonez) 1247
no value.
- X 329 CI-8347 (Ch.) 3716 311 6/29 59
OK
v mk straw
- X 330 CI-8352 (Ch.) 3717 401 6/29 54
OK
much tiller
badly lodged
- X 331 C.I-8370 (Ch.) 3722 402 7/2 57
(No. 1 Harit)
- ✓ 332 CI-8372 (Ch.) 3723 403 7/16 a med. gr. Jap 54
No. 3 MONTANA
- ✓ 333 CI-8425 (Ch.) 3734 404 v. late 10/23
- ✓ 334 CI-8487 (Ch.) 3742 405 7/19 8/12 ripe 9/6
- X 335 CI-8514 (Ch.) 3747 406 7/1 Seg 8/10 ripe 9/6 44
OK
- ✓ 336 CI-8534 (Ch.) 3751 407 6/29 8/11 43
- ✓ 337 CI-8599 (Ch.) 3760 408 8/10
- X 338 CI-8610 (Ch.) 3761 409 6/24 8/11 43
OK
a very clean Jap

1st Jap

2 mixture, bearded Jap, quite tall

3 for extremely by gold
4 grow for except, high yellow type
5 much heavy yellow, disc 1/4 (approx)
6 all, large stems, sturdy, little belly

7 late Jap, quite tall

8, heavy Jap, mid bit

9 early Jap type, long lines, short below

9/4

~~49~~

9/20

8/31

30

8/20

8/31

31

9/10

8/31

49

9/4

51

9/5

42

9/1

51

9/18

10/18

48

9/28

10/30

52

9/10

40

9/10

38

9/10

38

9/10

40

9/12

40

not in mail

No 00 June
(cut)

404

~~405~~~~406~~~~408~~~~502~~St R ~~310~~~~211~~

- R 109

~~101~~- R ~~302~~- T ~~604~~~~603~~R ~~602~~

not in mail

R 703

St R 805

~~806~~

ST R 810

~~811~~

ST R 818

ST R 838

ST R 858

					Date	
					1 hr	
X-339	CI-8897, (AFRICA) R3-1 Good looking new, air early Ford type	3768 410	7/2	7/14	Nw 8/2	57
X-340	PI-160,861 (ch.)	3775 411	7/6	7/18		59
X-341	PI-160,705 (ch.)	3779 501	6/24			49
X-342	PI-160,757 (ch.)	3783 502	7/9 reg	8/9		45
X-343	CI-8915 (HAITI)	1507 503 Same as 354	8/15	8/23		65
X-344	PI-184,675 (IRAN)	3403 504	6/22		8/2	56
X-345	PI-180,177 (PERU)	3409-10 505	6/22		8/2	54
X-346	PI-180,059 (INDIA)	3421+22 506	6/23		8/2	48
X-347	PI-180,060 (INDIA)	3428 507	6/30		8/2	50
X-348	PI-184,676 (IRAN)	3451 508	6/30		8/2	62
X-349	CI-8150 (INDIA)	3501+02 509	6/22			46
X-350	CI-6018 (INDIA)	3520 510	6/22 reg			55
X-351	CI-6037 (INDIA)	3525 511	6/22 reg			49
X-352	CI-8337 (PERU)	3533 601	6/22			52

rather tall top, and fair

1. tall long grain not harvested

not too tall, leaning, V long yield
quite tall, in straw, heads.

Rupe Ht

9/5

46

9/6

46

51

52

HO CO

no C.D. not too tall, green stem slender stem
R

Profuse tufted, weak stem Very wet
S++ R

- ✓ 353 *OK* CI-8983(INDIA) 602 8/10 8/20
 3536439
- ✓ 354 ~~270~~ CI-8915(HAITI) 603 8/10 8/24
 3540141 Same as 343 66
- ✓ 355 *OK* PI-161,004 (Ch.) 357 604 8/10 8/23 65
- ✓ 356 Colusa 605 6/20 Full 7/19 44
- ✓ 357 B4564A2-11-4-3 606 6/21 7/21 43
 Bruin Selx 2 303
- ✓ 358 Rexark 19 607 7/3 7/16 8/10 49
- ✓ 359 *all checked to hold* CI-5094 88 608 7/12 8/11 47
- ✓ 360 ^P B455A1-25, 609 6/12 41
 BBTx(1PxR-SBR) 314
- ✓ 361 Century 52 18 610 7/5 7/17 8/11 45
- ✓ 362 NIRA 29 611 61
- ✓ 363 B46-4799, 39 701 7/12 8/12 47
 Rogue
- ✓ 364 HyB MIX-12-47-6-2, 702 7/14 8/1 8/18 50
 late SH-gr. Bulk 323
- ✓ 365 Calrose 46 703 6/15 8 8/8 41
- ✓ 366 B47-3054, 704 8/6 8/18
 Rexark Sel. 110

not homolized
3, 4, + 5 are all much alike,
all, homol. grain types
not homolized

not homolized

Ripe

10/26 58

1

10/26 58

1

10/26 57

46

48

45

44

42

~~10/26~~ 44

10/27 52

47

47

48

47

CO

ely 3 much alike tall
 dark stem, some green on heads
 some ripe on 10/27 & ~~some~~ are
 tall green on particularly crowded

R

1

R

R

some have white center but no sign
 of white back,

S

R

			1st Hd	Full Head	Full Ripe	
✓367	B4527A1-48, TP49xR	132 705	8/9	8/20	9/10	
✓368	B43-280-1-3, TP Sel.	63 706	8/8	8/20		50
✓369	Cody	2 707	6/16		8/2	40
370	CI-8970	239 708	5/12	6/5		30
371	Bazette	229 709	6/5		7/8	43
✓372	C4-II-8-14x BBT(TORD)	38 710	7/9		8/9	45
✓373	B4524A1-4, TP49x(TPR-SBR)	67 711	8/16			
374	B4515A1-16, Hill Sel x RN	74 801	6/13		7/14	42
375	B4512A1-4, Hill Sel x BBT	71 802	6/13		7/18	42
376	B459A3-13-1-2, Hill Sel x Rexark	75 803	6/20		7/19	40
✓377	B4524A1-43-3-2, TP49x(TPR-SBR)	86 804	7/6	7/18	8/11	40
✓378	B4552A1-12-1-1, TP x R-7689	120 805	8/9	8/24		
✓379	B49-508, Ca x Rex	119 806	7/8	8/17		54
✓380	B4555A1-102-2-2-4, BRUIN Sel x BR	112 807	7/19	8/1		50

not connected

not done

June

1st
Head

156.

48

50

47

7/26 8/2 8/23 32

8/10 8/20 44

42

47

8/22 46

8/22 47

42

46

47

10/1 45

10/1 47

CD

S

✓ 381	B4545A2-1, TP x HIL Med	124 808	8/6	8/20	50
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✓ 382	B4030A3-13, R-7689 x R	129 209	8/5	8/17	51
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✓ 383	B4527A1-20 TP49 x Rex	133 810	8/16	8/27	49
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✓ 384	B4526A4-4-1-1, TP49 x (TP x R-SBR)	135 811	8/15	8/26	49
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385

386

387

388

389

390

391

392

393

394

not ha.
not ha.

1/1

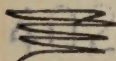
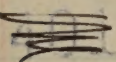
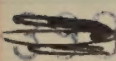
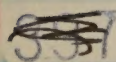
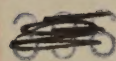
10/27 46

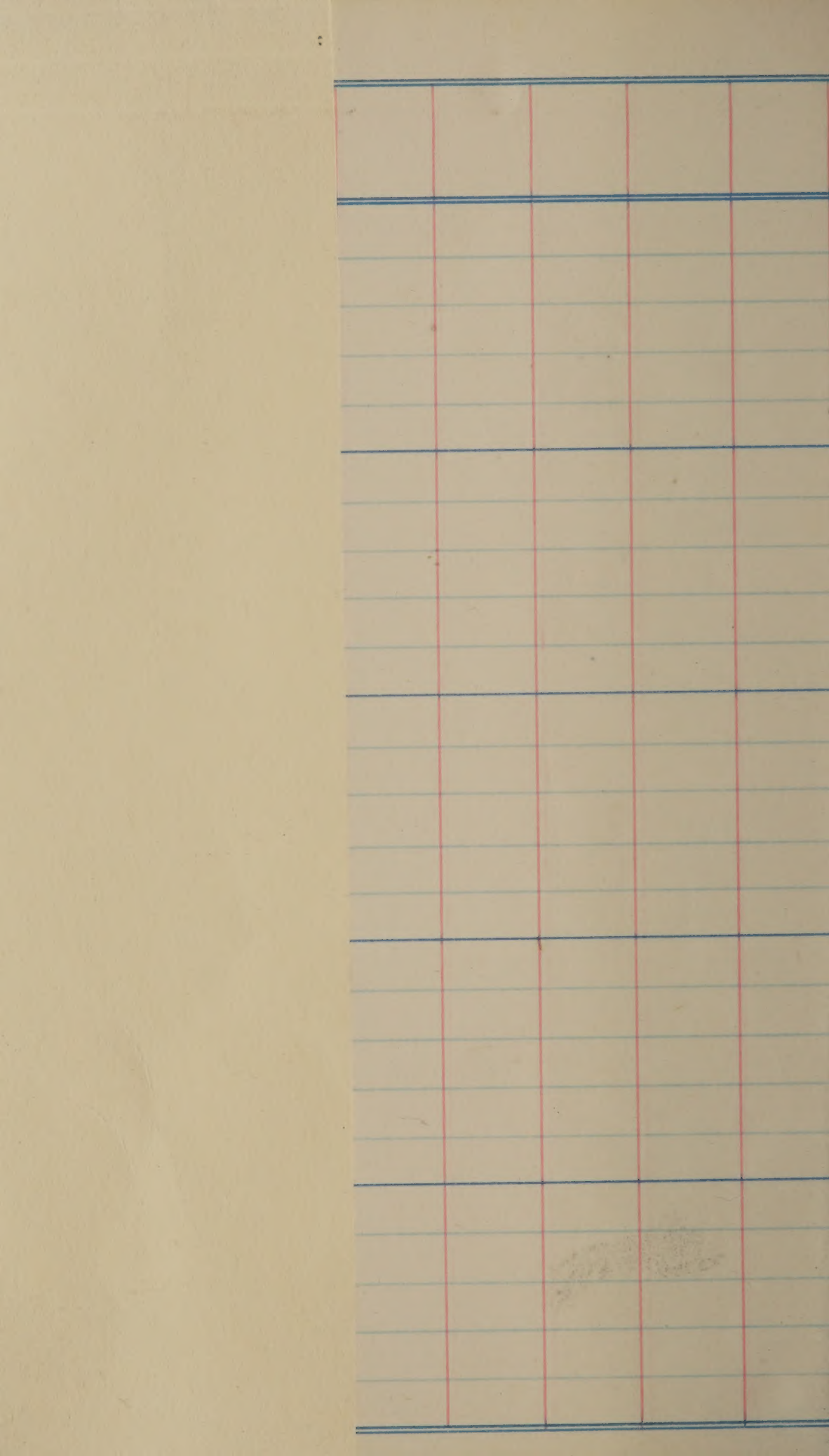
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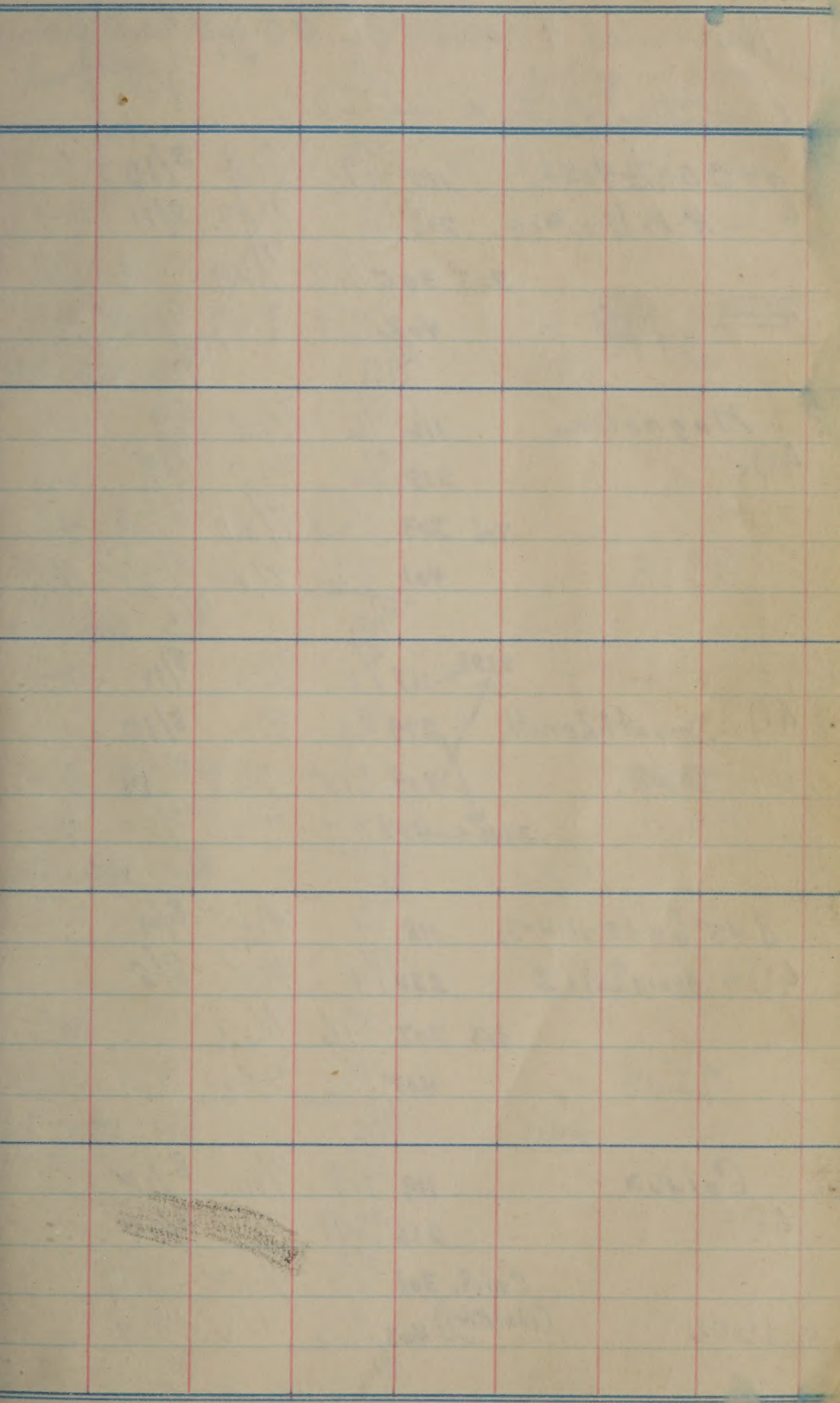
47

45

not her
not her







105 I

Field plots
28 ~~4~~ 4.3 WHarvested 4 rows, 36.25 feet long from
each plot.
Early maturing short — ^{1st} 1/4

44C 507-4052,	115	7/7	7/18	8/10	43
401 R-P. lfx Mag	217	7/6	7/17	8/11	44
	305	305	7/18	7/29	8/21 42
	402	7/12	7/29	8/20	46
8998		7/12		8/16	123 44

Magnolia
402

	116	7/6	7/18	8/9	46
	218	7/6	7/18	8/9	46
	306	303	7/20	7/30	8/21 46
8318	401	7/20	7/30	8/22	45
		7/13		8/15	122 46

403 Smooth Zenith	8889 ← 117	7/3	7/16	8/11	47
	219	7/3	7/16	8/10	47
	304	7/15	7/25	8/19	45
	8940 ← 404	7/15	7/25	8/20	45
		7/9		8/15	122 46

B 4564A2-11-4-3,	118	7/4	7/15	8/9	47
404 Bruin Sel x Z	220	7/4	7/15	8/8	44
	303	307	7/16	7/26	8/17 43
9209	405	7/16	7/26	8/17	45
		7/10		8/11	118 45

Colusa	119	7/4	7/16	8/12	41
405	216	7/4	7/16	8/12	43
	Calif. 301	7/10	7/22	8/24	43
1600	(chalk clay) 403	7/10	7/22	8/24	45
		7/7		8/18	125 43

Seeding Date Series
Average sowing date - April ¹¹ 15
Lodging

0

0

ln

0

ln

Sturdy staminal type, v. good;
1st & 2nd

v. good in 3rd & 4th, uniform,
long; sturdy.

good plots in 1+2 but quite tall;
trace lodging on 8/25 after storm (1+2)
consid. sterility, only fair

Extremely long plot; trace lodging
on 8/25 after storm; resembles
sacros in leaf drying & discoloration

much less discoloration in 4th than in
3rd or 1st; 8940 has bud stage

v. good plot in 1+2; still standing
OK on 8/25 after storm.

v. long plots in 1+2, leaning when hot
and lodged on 8/25 after storm

1st 2 April 7
3rd 4 April 22 108

I	II	Total	lbs	bu.	bbls.
5.53	5.31	10.84			
5.21	6.11	11.32			
4.39	4.60	8.99			
4.59	4.85	9.44			
		40.59	4059	90.2	25.1
4.91	5.24	10.15			
5.12	4.84	9.96			
3.83	4.00	7.83			
3.54	3.92	7.46			
		35.40	3540	78.7	21.9
5.19	5.12	10.31			
5.63	5.50	11.13			
4.47	5.25	9.72			
5.23	5.76	10.99			
		42.15	4215	93.7	26.0
4.97	5.15	10.12			
5.11	5.34	10.45			
4.21	3.85	8.06			
4.44	3.61	8.05			
		36.68	3668	81.5	22.6
6.03	6.09	12.12			
5.84	6.23	12.07			
4.75	4.92	9.67			
5.00	5.03	10.03			
		43.89	4389	97.5	27.1

x Zenith 406	120	7/9	7/18	8/12	44	
	215	7/10	7/18	8/12	48	
	304	302	7/23	8/1	8/23	47
	407	7/23	8/1		47	
		7/16		8/18	125	48
Early Prolific 407	121	7/7	7/24	8/25	48	
	221	7/7	7/24	8/25	49	
	302	306	7/22	8/1	8/27	48
	406	7/22	8/1	8/28	49	
		7/15		8/26	133	49

7787

5883

Lodging.

0

0

V. hay plot in 18.2, 11mi, good stream
no body of water

C₆

considerable study in 3rd 4th

I	II	Total	lbs.	bus.	lbs. * A-2 + B-2 may be mixed or tags interchanged.
5.77	5.11*	10.88			
4.37	5.37	9.74			
3.63	4.17	7.80			
4.36	3.91	8.27		✓	✓
		36.69	3669	81.5	22.6
6.30	5.82	12.12			
5.54	5.13	10.67			
3.92	4.14	8.06			
3.80	3.69	7.49		✓	✓
		38.34	3834	85.2	23.7

113 II

29W-33W

F. 123

Hd

Rexark
408

122	7/14	7/30	8/21	49
227	7/14	7/29	8/27	49
309 319	7/31	8/9	9/5	45
417	7/31	8/10		47
	7/23		9/1	139 48

8644

B455 A1-25,
409 BBT x (TP x R-SBR)

123	7/25	8/8	8/26	43
223	7/25	8/8	8/26	43
314 321	8/1	8/12	9/7	38
418	8/1	8/14		38
	7/28		9/1	139 41

✓ C F 9278

C50-4054, R x Z
410

124	7/10	7/22	8/15	45
222	7/10	7/22	8/15	44
313 318	7/23	8/2	8/24	45
421	7/23	8/2	8/25	45
	7/17		8/20	127 45

x B455 A1-27-3-3,
411 BBT x (TP x R-SBR)

125	7/21	8/3	8/24	46
228	7/21	8/3	8/24	47
109 315	7/31	8/9	9/5	46
416	8/1	8/8		42
	7/26		8/30	131 44

x B4512 A1-20,
412 H. 11 Sel x BBT.

126	7/14	7/14	8/2	45
226	7/14	7/14	8/2	45
Incr. 316	7/10	7/21	8/2 8/12	45
420	7/10	7/21	8/12	45
	7/6		8/6	113 45

9108

Lodging

TT

10/11

2.39

2.25

5.11

5.31

ln

0

0

0

0

very plots lost considerable energy
in 1st. in 1st & 2nd

starting to lodge shortly
after cutting in 1+2

Practically every head shows some
sterility in 1st & 2nd

v. little sterility in 3rd & 4th

Some sterility; lots of discoloration
uniform very plots (1+2)

Less discoloration than in 1+2
coarse sterility, short straw

Fairly good, less sterility than A+2
in 1st & 2nd; Uniform

v. little sterility in 3rd & 4th

v. good plots in 1st & 2nd -
still standing after stem $\frac{3}{25}$ but probably
by other varieties

v. good in 3+4

I	II	Total	lbs.	bu.	bbls.
2.39	2.45	4.84			
2.04	2.56	4.60			
5.16	5.14	10.30			
4.86	5.36	10.22		✓	✓
	29.96	2996	66.6	18.5	
2.39	2.15	4.54			
2.14	1.99	4.13			
4.91	5.15	10.06			
4.51	4.82	9.33		✓	✓
	28.06	2806	62.3	17.3	
4.10	4.67	8.77			
4.11	4.57	8.68			
3.38	3.22	6.60			
3.45	3.76	7.21		✓	✓
	31.26	3126	69.5	19.3	
3.60	3.65	7.25			
4.22	4.51	8.73			
3.90	4.12	8.02			
4.60	4.50	9.10		✓	✓
	33.10	3310	73.5	20.4	
4.92	5.23	10.15			
4.65	5.05	9.70			
3.76	3.78	7.54			
3.58	4.06	7.64		✓	✓
	35.03	3503	77.8	21.6	

Short Century 413 ✓	127	7/12	7/23	8/16	44
	224	7/12	7/23	8/16	45
	312	317	7/23	8/3	8/27 45
	419	7/23	8/3		42
	7/18			7/22	129 44
Century Patna 231 414 8993	128	7/11	7/23	8/16	46
	225	7/11	7/23	8/16	46
	HR 320	7/20	8/1	8/27	46
	415	7/20	8/1	8/27	46
	7/16			7/22	129 46

* 410 & 414 may be
switched as tags lost

Lodging

0

0

(1st & 2nd)
Darker straw than Cent, Urie
but more discoloration & sturdiness

3rd & 4th less discoloration
sturdiness throughout plot but light
on all panicles.

V. heavy plots in 1st & 2nd; V. uni.
Pick. best & highest yield in group

3rd & 4th) good, some sturdiness
throughout plot but only part of
panicles cleaner than that Cent.
or R & Z.

	I	II	Total	lbs	ba	bbls
4	4.25	4.50	8.75			
3	3.97	3.70	7.67			
1	2.90	2.47	5.37			
0	2.83	2.55	5.38			
			<u>27.17</u>	2717.	✓ 60.4	✓ 16.8
4	4.45	3.29	7.74			
3	4.99	4.73	9.72			
2	3.98	4.80	8.78			
0	3.96	4.84	8.80			
			<u>370 4</u>	3704	✓ 82.3	✓ 22.9

121 III

27 W - 32 W

Bluebonnet	A	108	7/24	8/1	8/26	53
415	B	✓210	7/24	8/1	8/26	54
	C	HR 310	8/1	8/12	9/3	53
8322	D	413	8/1	8/12	9/3	53
			7/30		8/30	137 53

Fortuna		109	7/26	8/3	8/28	55
416		✓213	7/26	8/3	8/28	56
	C	318	308	8/5	8/17	9/4 55
1344	D	411	8/4	8/17	9/3	55
			7/31		8/31	138 55

B459A3-47,		110	7/31	8/10	9/5	52
417 Hill Sel x Roxark	✓	211	7/31	8/10	9/5	51
		320	309	8/10	8/21	9/9 51
		409	8/10	8/20	9/9	51
			8/5		9/7	145 51

Bluebonnet 50		111	7/25	8/2	8/26	50
418		✓209	7/25	8/2	8/26	52
	HR	311	8/3	8/13	9/4	48
8990		410	8/3	8/13	9/4	50
			7/27		8/31	138 50

Improved Bluebonnet		112	7/27	8/4	8/28	49
419		✓208	7/27	8/4	8/29	50
	HR	314	8/6	8/16	9/7	48
8992		414	8/6	8/16	9/7	44
			8/1		9/2	140 48

odging

0

0

0

0

0

V. good plots 1 & 2; look heavy; are uniform, but too tall

V. tall, V. heavy plots, starting to lodge about time of harvest in 1 & 2

V. uniform ht, good straw
Heavy plots?, Direct flaps 1000

V. good BBT 50; one sterile spot in 2nd.

Shorter straw than Rogue in 3rd. Same as rogue in 1st

Prob heaviest yielding row (1 & 2nd)

I	II	Total	lbs	bu	bbls
4.87	4.82	9.69			
5.11	5.22	10.33			
4.91	5.27	10.18			
5.15	5.14	10.29		✓	✓
		40.49	4049	90.0	25.0
5.53	5.68	11.21			
5.11	4.59	9.70			
5.19	5.43	10.62			
5.27	5.45	10.72		✓	✓
		42.25	4225	93.9	26.1
4.46	5.04	9.50			
4.41	4.87	9.28			
4.56	5.17	9.73			
4.84	5.08	9.92		✓	✓
		38.43	3843	85.4	23.7
4.38	4.22	8.60			
4.93	5.40	10.33			
5.29	4.69	9.98			
4.88	5.74	10.62		✓	✓
		39.53	3953	87.8	24.4
4.15	5.10	9.25			
4.64	4.33	8.97			
4.68	4.88	9.56			
4.77	4.98	9.75		✓	✓
		37.53	3753	83.4	23.2

846-4799, Rogue

420

9014

113	7/27	8/4	8/25	49	10
✓212	7/26	8/4	8/25	49	10
321	312	8/2	8/12	9/3	49
	412	8/2	8/12	9/3	49
	7/30		8/30	137	49

Sanbonnet

421

8989

114	7/24	8/1	8/25	52	10
✓214	7/24	8/1	8/25	53	10
HR 313	8/1	8/12	9/3	51	10
	408	8/1	8/12	9/3	53
	7/28		8/30	137	52

Lodging

0

0

some stink
r, good yield

slent; some
to (1st end)

I	II	Total	lbs	bu	bbls.
4.85	5.31	10.16			
5.36	4.90	10.26			
5.93	5.97	11.90			
5.96	6.17	12.13		✓	✓
		44.45	4445	98.8	27.4
3.10	3.09	6.19			
3.13	3.26	6.39			
2.85	5.12	8.97			
4.87	5.53	10.40		✓	✓
		31.95	3195	71.0	19.7

129 IV

30W - 35W

B4555A102-2-2-4, 129 8/7 8/18 9/15 47
 422 Bruin Sel x BR 233 8/7 8/18 9/15 50
 ✓ 50 112 332 8/9 8/22 9/21 46
 433 8/9 8/22 47
 8/8 9/18 156 48

C6-I-25-12, 130 8/15 8/24 9/19 52
 423 BR x BR-R 232 8/15 8/24 9/19 54
 322 329 8/18 8/27 9/21 52
 9020 4 431 8/18 8/27 9/21 50
 8/17 9/20 158 52

Calrose
 424 46 131 7/12 7/31 9/3 46
 235 7/12 7/31 46
 324 331 7/27 8/10 9/5 42
 8988 430 7/27 8/10 45
 7/20 9/4 142 45

Hyb Mix-11-47-11-1, 132 7/30 8/14 9/13 45
 425 E.Sh.gr. Bulk 231 7/30 8/14 48
 ✓ 186 335 8/7 8/19 9/16 42
 9094 429 8/7 8/19 9/16 44
 8/5 9/15 153 45

Hyb Mix-12-47-6-2, 133 8/2 8/15 9/14 46
 48 426 L.Sh.gr. Bulk 234 8/2 8/15 48
 323 334 8/8 8/19 9/17 40
 ✓ 9117 432 8/8 8/19 9/17 43
 8/5 9/16 154 44

1
Lodging

WT

0
Some 1/31

0
ln

sl.

sl.

bad for sterility, earlier and
shorter than BK in 3rd
very little sterility in 1+2

about BK let, & mat

Same sterility in 3rd
Over ripe when in 1+2
and not drained until 9/1/4
when cut
3 & 4 also drained 9/1/4

no sterility in 3rd
Less sterility & appears much
heavier than 426, coming
before harvest

carried sterility in 3rd, taller
than 425, extremely heavy in 1+2
thinner straw than 425

I	II	Total	lbs	bu.	bbls.
6.05	6.21	12.26			
6.65	6.44	13.09			
4.44	4.05	8.49			
4.11	4.10	8.21		✓	✓
		<u>41.96</u>	4196	93.2	25.9
4.50	4.68	9.18			
5.22	5.36	10.58			
3.87	3.32	7.19			
2.49	2.82	<u>5.31</u>		✓	✓
		<u>32.26</u>	3226	71.7	19.9
5.18	5.35	10.53			
5.63	5.89	11.52			
4.59	4.22	8.71			
4.45	4.87	<u>9.32</u>		✓	✓
		40.08	4008	89.1	24.7
6.38	6.16	12.54			
5.40	6.25	11.65			
5.49	4.11	9.60			
4.96	4.85	<u>9.81</u>		✓	✓
		43.60	4360	96.9	26.9
6.32	6.26	12.58			
6.60	7.10	13.70			
4.99	4.41	9.40			
4.69	4.04	<u>8.73</u>		✓	✓
		44.41	4441	98.7	27.4

Blue Rose 427	134	8/9	8/20	9/17	52
	229	8/10	8/20		54
	327	330	8/9	8/22	9/21
2128	434				52
		8/10		9/19	157

Caloro	135	7/28	8/7	9/6	48	
428	230	7/26	8/7		48	
	325	333	7/31	8/12	9/8	44
1561-1	435	7/31	8/12		44	
		7/29		9/7	145	46

Dodging

0

ln

v. tall

Some sterility in 3rd

v. good plot in 2nd, less sterility

			lbs	bu	bbls
I	II	Total			
574	5.59	11.33			
393	6.46	10.39		✓	✓
3.52	3.72	7.24	3584	3584	79.6 22.1
3.62	3.26	6.88			
593	6.07	12.00			
5.00	5.97	10.97			
4.58	4.22	8.81			
496	4.46	9.42		✓	✓
	41.20	41 20	91.5	25.4	

137

✓

26 W - 34 W

Roxoro

429

101

9/2 9/12 10/8

5

207

5

HR 327

9/7 9/16 10/15

4

1779

423

5

9/5

10/12 180

5

B4552A1-12-1-1,

102

8/28 9/10 9/27

5

430 TP x R-7689

203

8/24

5

120 323

8/31 9/14 10/10

4

9118

426

4

8/28

9/29 167

4

TP49

103

8/25 9/6 9/27

3

431

205

8/25

5

HR 325

9/31 9/9 10/1

1

8991

424

5

8/28

9/29 167

5

B4527A1-11,

104

8/22 9/2 9/25

4

432 TP49 x Rex

201

8/23

5

140 324

8/31 9/10 10/2

4

425

4

8/27

9/28 166

4

~~84527A1-11,~~

105

8/20 9/4 9/25

5

433 ~~84527A1-11,~~

204

8/20

5

Texas Patna

328

9/30 9/10 9/30

7

HR 427

4

8321

8/25

9/28 166

5

Lodging

0

0

0

0

0

			lbs	bu	bbls
4.64	4.71	9.35			
4.32	3.94	8.26			
3.89	3.89	7.78			
4.77	4.19	<u>8.96</u>		✓	✓
		34.35	3435	76.3	21.2
4.27	4.31	8.58			
4.98	4.79	9.77			
5.39	4.78	10.17			
4.91	4.59	<u>9.50</u>		✓	✓
		38.02	3802	84.5	23.5
4.56	4.45	9.01			
4.54	4.56	9.10			
4.68	4.45	9.13			
4.65	4.87	<u>9.52</u>		✓	✓
		36.76	3676	81.7	22.7
4.46	4.49	8.95			
5.32	6.01	11.33			
3.92	5.00	8.92			
5.43	4.91	<u>10.34</u>		✓	✓
		39.54	3954	87.9	24.4
4.26	4.04	8.30			
4.30	4.36	8.66			
3.83	3.82	7.65			
4.42	4.53	<u>8.95</u>		✓	✓
		33.56	3356	74.6	20.7

B43-280-1-3,
434 TP Sel.

✓

106	8/20	9/2	9/24	56
202	8/21			57
335	322	8/25	9/5	9/30
422				47
	8/23			57
			9/27	165
				53

B4527A1-48,
435 TP49 x Rex.

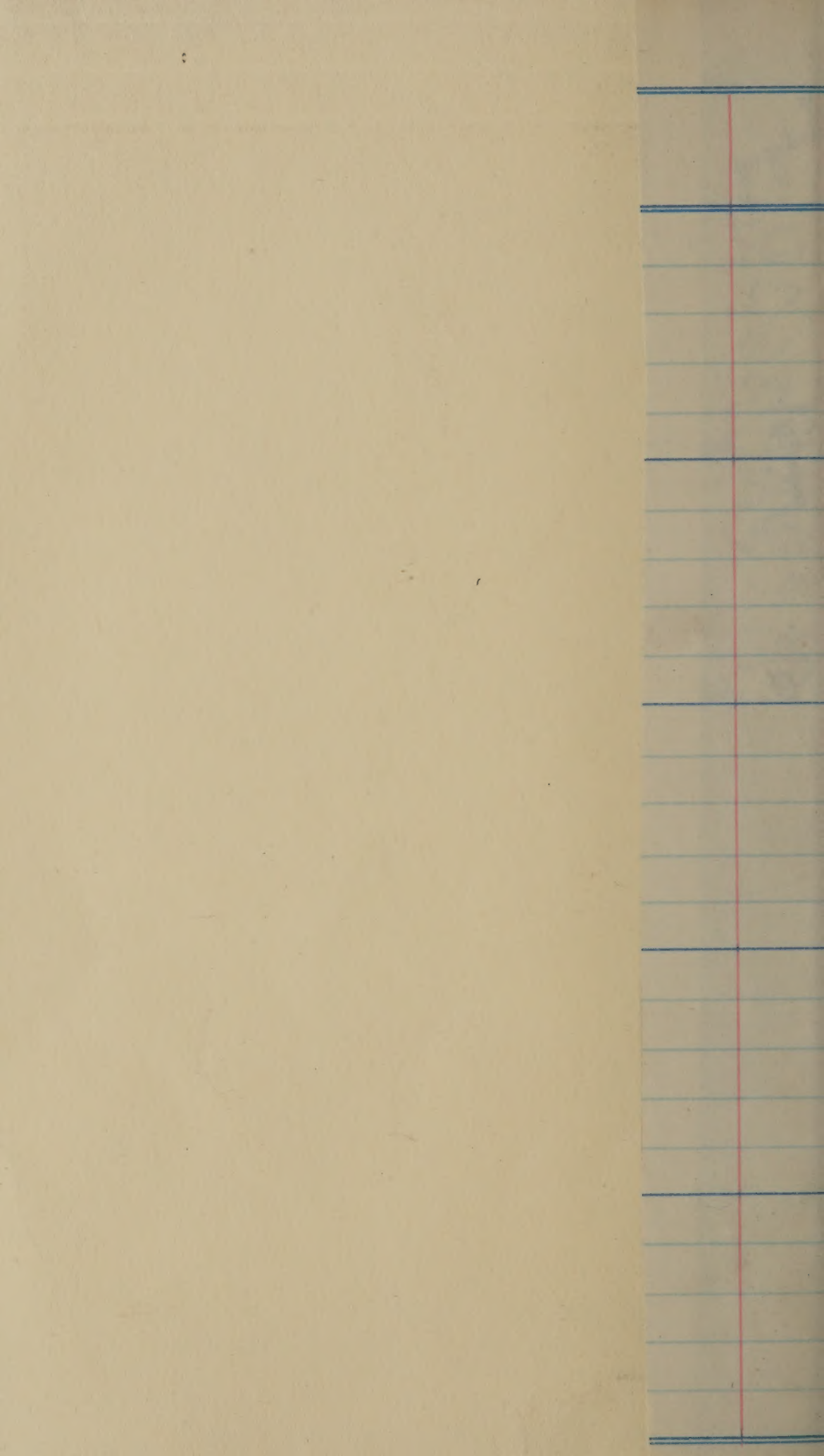
✓

107	8/22	9/3	9/25	54
206	8/22			52
132	326	8/31	9/9	10/1
428	5			41
	8/27			46
			9/28	166
				47

Lodging

0

0



lbs bu bbls

4.53 4.06 8.59

5.34 4.75 10.09

4.67 4.47 9.14

4.72 4.73 9.45

37.27 3727 82.8 23.0

2.93 4.09 7.02

4.64 4.42 9.06

4.98 4.30 9.28

4.65 4.90 9.55

34.91 3491 77.6 21.5

Sdg Order	Bl 1	Bl 2	Bl 3
1	Tn $\frac{6}{23}$	$\frac{6}{29}$ Tn	Tn $\frac{4}{12}$
2	Tn $\frac{6}{23}$	$\frac{4}{12}$	Tn $\frac{6}{24}$
3		$\frac{6}{17}$	Tn $\frac{6}{24}$ Hd
4		$\frac{4}{12}$	Tn $\frac{7}{8}$
5	$\frac{6}{30}$	$\frac{6}{29}$	Tn $\frac{7}{8}$
6	Tn $\frac{6}{23}$	$\frac{6}{29}$	Tn $\frac{6}{24}$
7		Tn $\frac{6}{12}$	Tn $\frac{6}{12}$
8		$\frac{4}{12}$	$\frac{4}{12}$
9	$\frac{4}{12}$	$\frac{4}{12}$	Tn $\frac{4}{12}$
10		$\frac{4}{12}$	
11		Tn $\frac{6}{24}$	$\frac{7}{9}$ Tn
12		$\frac{6}{17}$	
13	$\frac{7}{5}$	$\frac{7}{10}$	
14		Tn $\frac{6}{12}$	
15	Hd $\frac{7}{9}$	$\frac{7}{3}$	
16		$\frac{7}{5}$	
17		Tn $\frac{7}{8}$ Hd $\frac{7}{9}$	Tn $\frac{7}{8}$
18		$\frac{6}{24}$	Tn $\frac{7}{8}$

BL
4

BL
5

6/29
Tn 6/29
4/12
6/24

4/12
7/8 Tn
6/24,

12/4/12

4/12

Tn 4/12

Tn 4/12

Tn 6/24

4/12
7/8 Tn
4/12
4/12

7/2
Tn 7/2

6/12

Tn 4/12

4/12

7/5

4/12

7/2

Tn 7/2

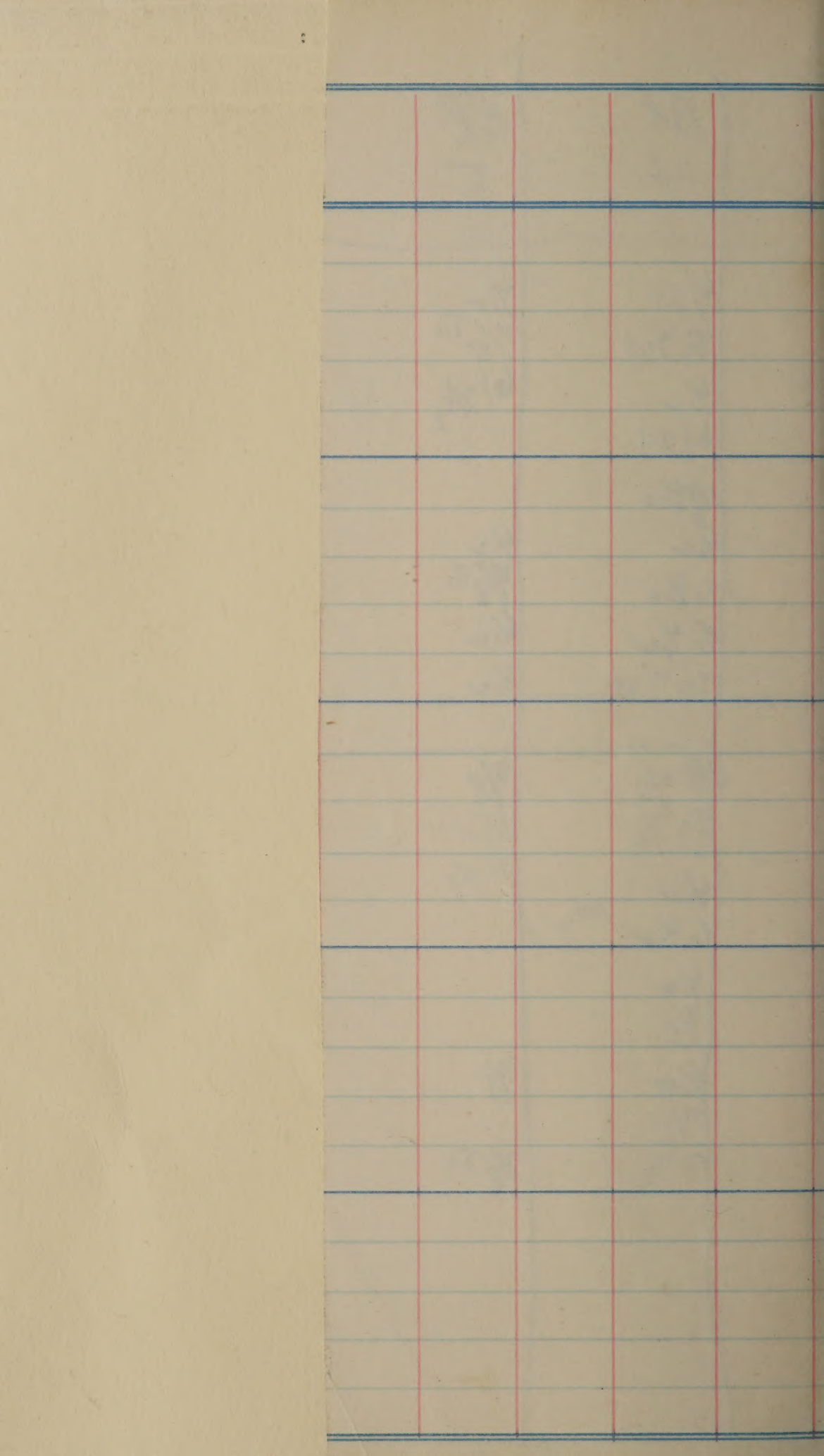
Nd 7/10

7/8

Nd 7/9

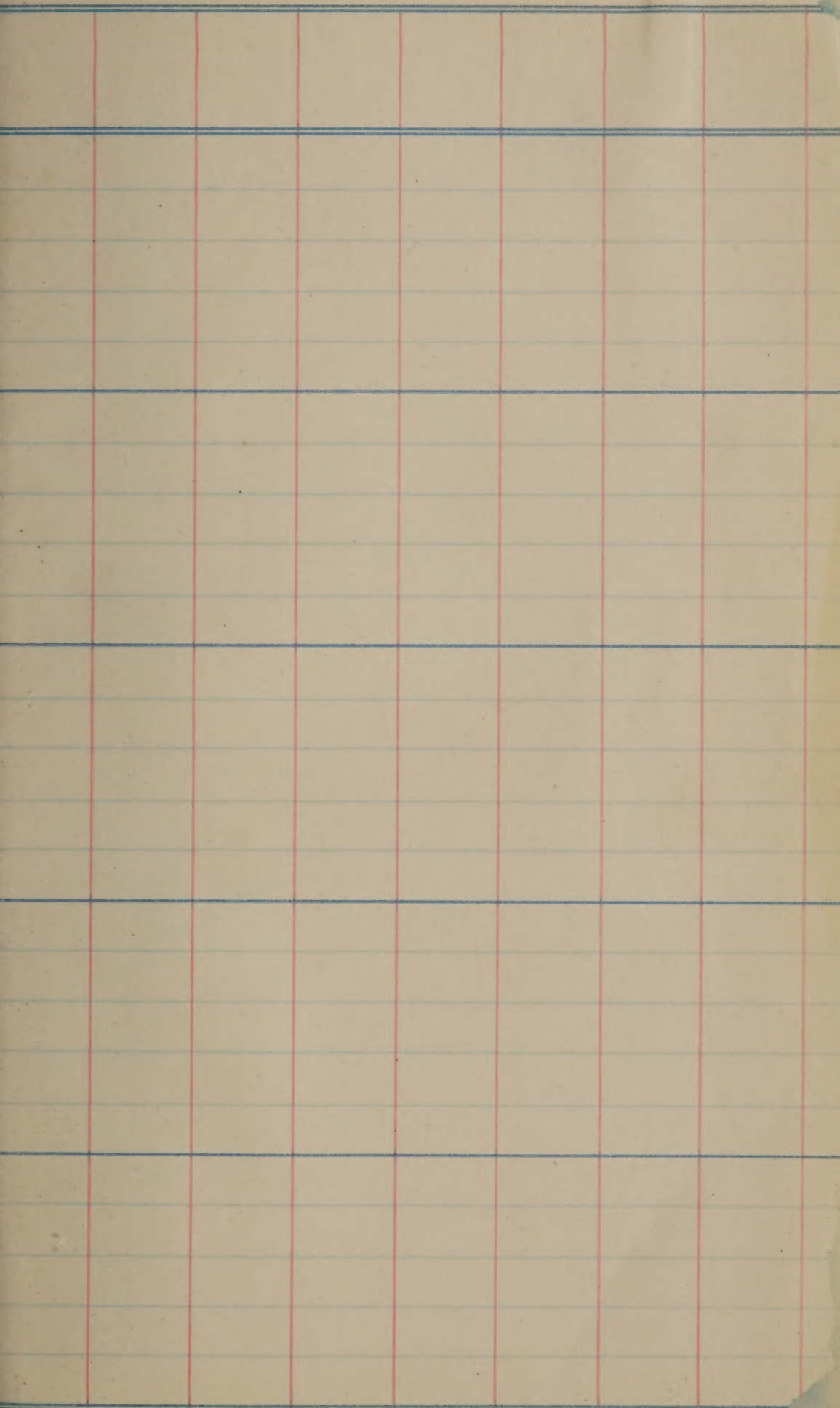
7/8

7/8 Tn



$\frac{B}{6}$
 $\frac{4}{12}$
 $\frac{4}{12}$
 $\frac{4}{12}$
 $\frac{4}{12}$
 $T_n \frac{6}{24},$
 $T_n \frac{4}{12},$
 $\frac{4}{12}$
 $\frac{7}{2}$
 $\frac{4}{29}$
 $\frac{4}{12}$
 $\frac{7}{2}$
 $\frac{7}{8}$
 $\frac{7}{8}$
 $T_n \frac{7}{2} \quad \frac{7}{9}$
 $T_n \frac{4}{12}, \frac{6}{24}$
 $T_n \frac{7}{14}$
 $T_n \frac{7}{14}$
 $T_n \frac{7}{14}$

[illegible]



307
314
315
316

403
404

502
329
322
330

7/28

April date seed

C. 1. 8970 20

F/14

16, June

marsh

214 one plant Between 1st and Row

$\frac{6}{2}$

May Date seed C. 1. 8970
First Head $\frac{6}{30}$

Drain 27 210

211

301

2 pan. 204

1954

Book-6

1-94

96-200

UNITED STATES
DEPARTMENT OF AGRICULTURE

FIELD NOTES

AGRICULTURAL RESEARCH ADMINISTRATION
BUREAU OF PLANT INDUSTRY, SOILS, AND
AGRICULTURAL ENGINEERING
DIVISION OF COTTON AND OTHER FIBER CROPS
AND DISEASES

Honest 2 15 foot rows
spaced 9" apart

Uniform
Yield Mrs.

30 1 $\frac{3}{4}$

If this notebook is lost will finder please mail to:

U. S. DEPARTMENT OF AGRICULTURE

Bureau of Plant Industry, Soils, and
Agricultural Engineering,

Division of Cotton and Other Fiber Crops
and Diseases

Washington 25, D. C.

16-61780-1

28 ft for length of Single F. Photo

SUGGESTIONS CONCERNING FIELD DATA AND NOTES

DIVISION OF COTTON AND OTHER FIBER CROPS AND DISEASES

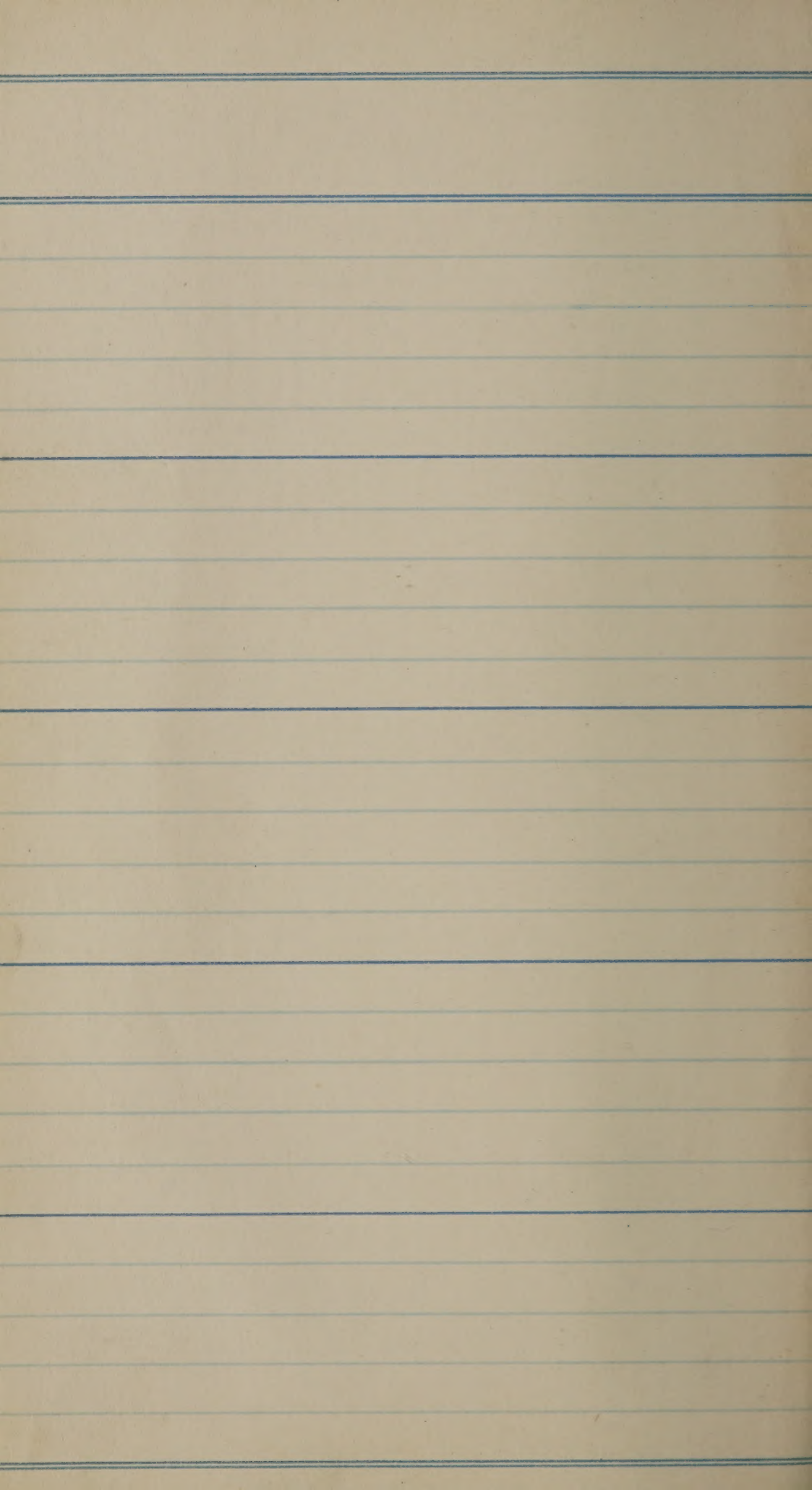
It is suggested that the following general information be recorded for each field experiment:

1. Name of experiment or study.
2. Soil type.
3. Previous crops and fertilizers (2 years).
4. Preparation of land: (a) Methods (b) Dates
5. Size of plot:
 - (a) Area in square feet
 - (b) Number of rows
 - (c) Length of rows
 - (d) Width of rows
6. Fertilizer:
 - (a) Pounds per acre
 - (b) Analysis (N-P-K)
 - (c) Time of application
 - (d) Method of application
 - (e) Side dressings
7. Planting: (a) Date (b) Rate (c) Method
8. Thinning: (a) Date (b) Method (c) Approximate optimum spacing attempted
9. Cultivation: (a) Implements used (b) Dates
10. Dates at which all notes and samples are taken.
11. Dates of pickings.

The following suggestions are made in regard to recording data:

1. Record all dates as figures, giving the month and day of month, as 5/16 (May 16).
2. Record all field weights in pounds and decimal fractions of pounds. The requisite accuracy depends somewhat on the size of sample, but for ordinary size plots 0.1 pound is usually satisfactory. It is suggested that small samples be weighed more accurately (0.01 pound).
3. Estimations, such as seeding vigor, shedding, color, etc., may be recorded either numerically or with letter designations, as is found convenient; for example (seeding vigor), 1=Excellent, 2=Good, 3=Medium, 4=Fair, and 5=Poor; or E=Excellent, G=Good, M=Medium, F=Fair, and P=Poor. An explanation of legends should be recorded for each variable and experiment.
4. Diseases and insect pests.
 - (a) GENERAL.—Attack by diseases or insect pests should be recorded by suitable legends to indicate type of disease or pest, percent of plants killed or affected, and in serious attacks, estimating crop loss. For example, FW *5/35-7. (Footnote* Fusarium wilt 5 percent plants killed, 35 percent affected, 7 percent loss estimated).
 - (b) SPECIAL.—Where the book is used for taking notes on regional field tests on disease resistance, treatments, etc., it is suggested that directions which are furnished for taking uniform data be pasted, or copied, in the front of the book.
5. Diagram, to scale, the block on which each experiment is conducted, showing visible soil differences, variable plant response attributable to soil differences, drainage, or unequal irrigation, slope of land or contours, and any other features which may materially assist in interpreting the results. The square ruled paper in the front of the book may be found useful for this purpose.
6. Explain clearly all legends used.
7. Identify all experiments as to location on blocks and YEAR.

For types of experiments for which this book does not provide ample page space, larger sheets should be utilized. In taking data, which are to be reported in this book, or on larger sheets especially provided, the field or laboratory determination should be written directly at the time of weighing or otherwise determining, and submitted to Washington, or filed as the permanent record. Avoid all possible transcribing or typing of raw data.



World Collections

5.0 or less

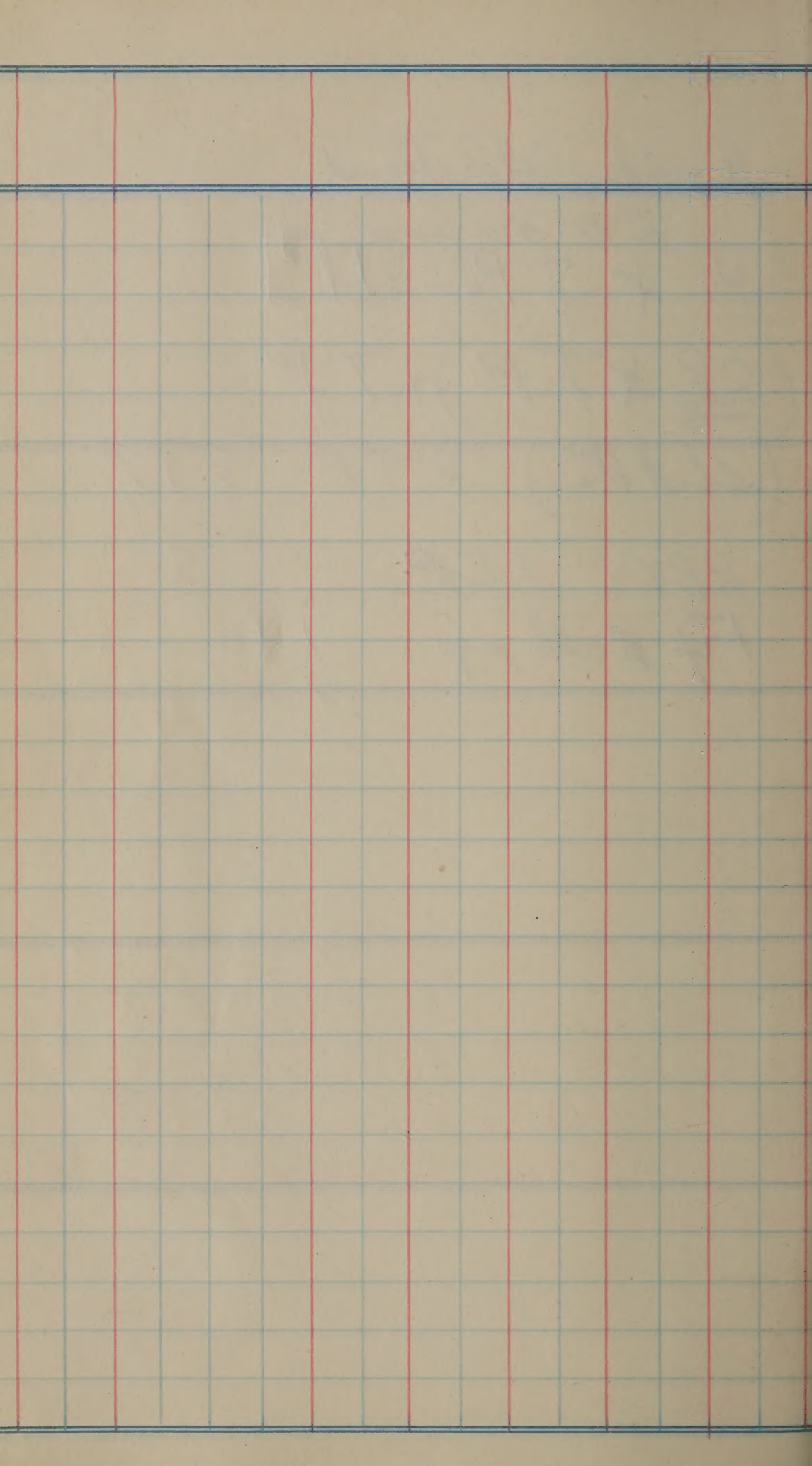
E, X. T.P., XTP

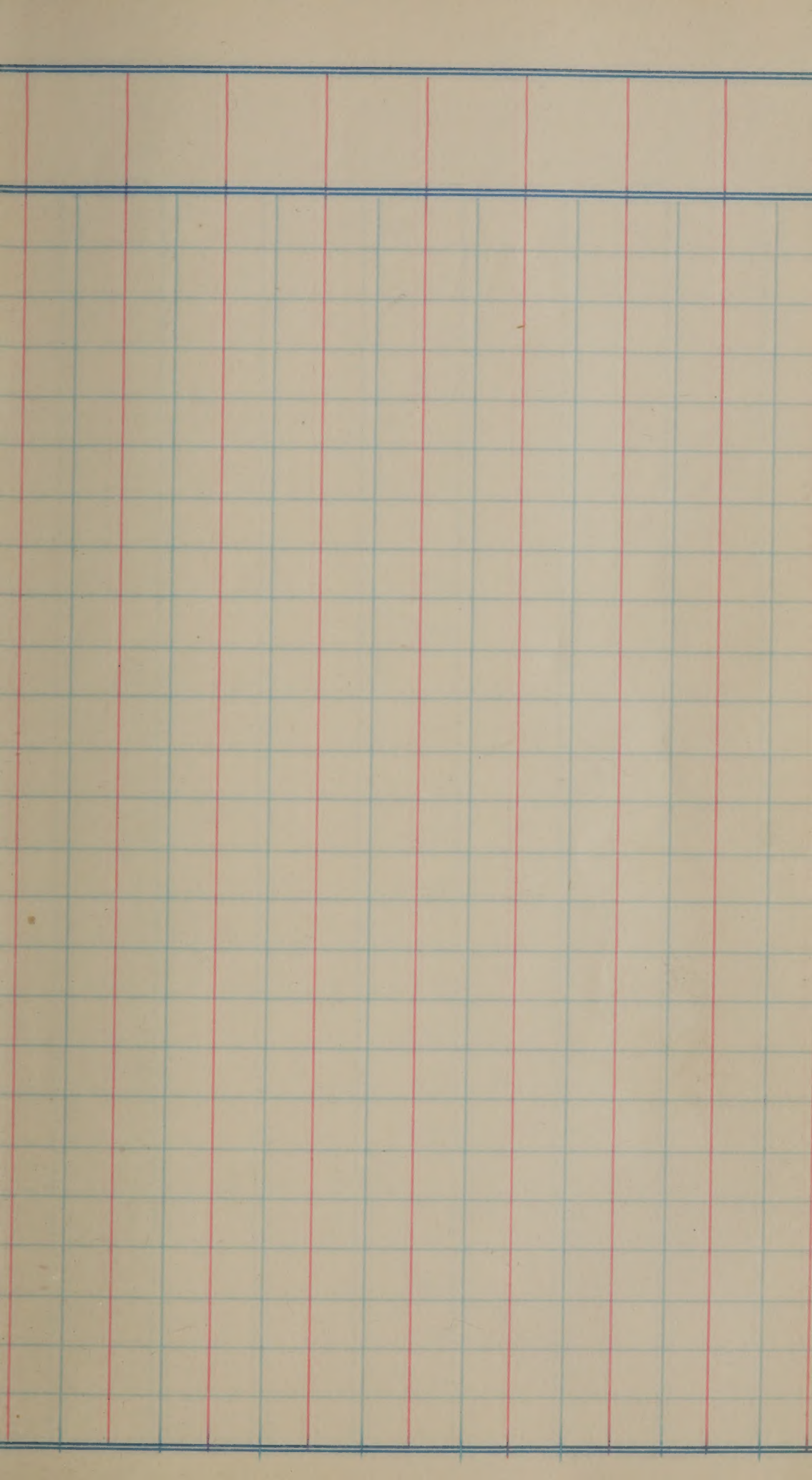
(CP X T.P.) X T.P.

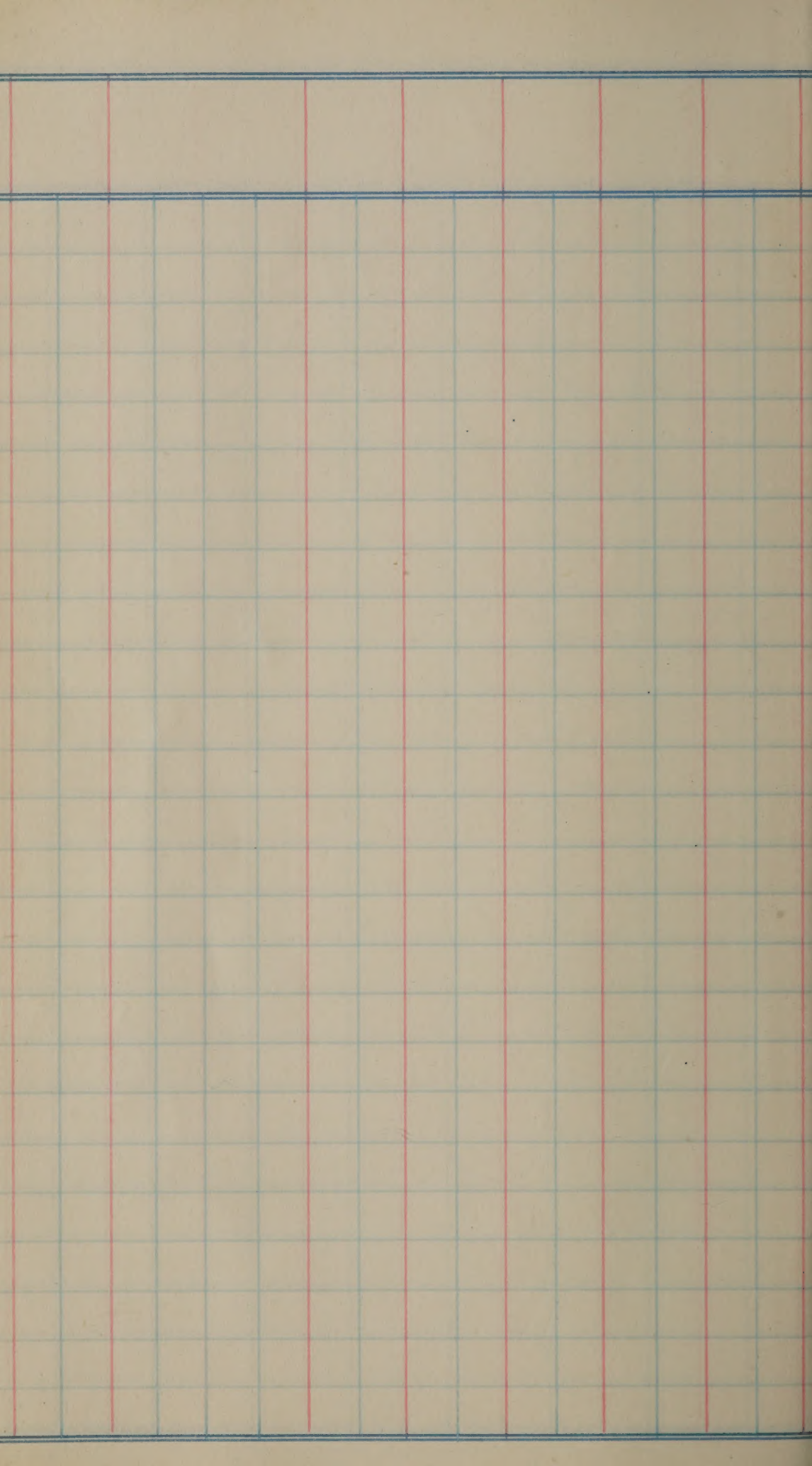
(Short Item) X T.P. X T.P.

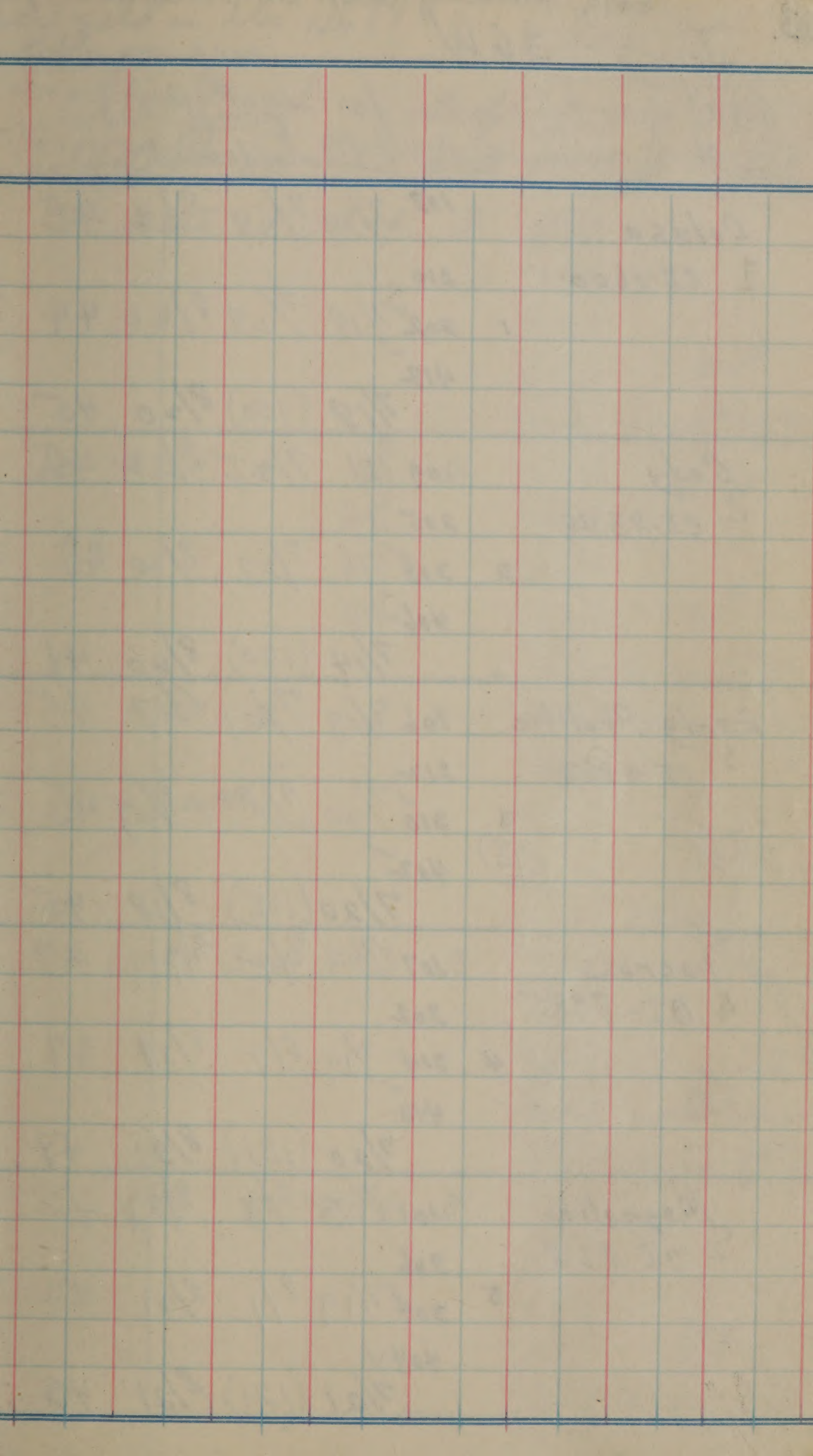
BBT X CP

F4 Bulk pag 140









1 Early maturing short and medium - gra
I, 36W

Don't save 1st series for seed purposes
as side rows were cut (Center (one) row saved)

Colusa

1 CI-1600

108

7/17 7/28 8/20 45

210

1 302 7/18 7/28 8/20 44

412

7/18 (120) 8/20 45

Cody

2 CI-8342

109

7/14 7/25 8/22 42

205

7/14

2 308 7/14 7/23 8/20 40

406

7/14

7/14 (120) 8/20 41

Early Prolific

3 CI-5883

106

7/19 7/31 8/17 45

212

3 310 7/20 7/30 8/19 45

402

7/20 (118) 8/18 45

Lacross

4 O.D.-8985

107

7/21 8/2 8/31 47

202

4 314 7/19 8/1 8/31 47

410

7/20 (131) 8/31 47

Magnolia

5 CI-8318

101

7/23 8/3 8/21 42

206

5 304 7/19 8/1 8/21 44

404V

7/21 (121) 8/21 43

Don't Blank
Not EP
get new seed

bunches:
 in yield in lbs x 0.173 =
 lbs per acre

27 seed Panicles
 down
 Long Shod Ho Co Leaf
 fruit

0 2 25 1 3-4 3

2 2 2

0

0 2 30 2 2 2

0

2 50 2 3 2-3

not grown
 in Beaumont

0

2 25 3-4 2-3 3

0

2 15 2 3-4 3

0

a very big plot, still standing
OK on 8/25 when harvested.

v. good early plot, sturdier than
than Colusa.

Not Ep. B. 1953 Var #13, rather
tall, smooth hulls, v. good.

v. heavy yielding strain, v. little sturdiness

Badly mixed, got new seed
for 1955, a very good plot.

a few rogues, panicles not
too well filled, quite tall

Plot size = $\frac{1}{1936}$ Acre (Bu yield) 4
 multiply gram yield on plot by 4.27
 or Total from 4 plots by $\xrightarrow{\text{weight grams}} 1.07$
 lbs $\frac{1}{1936}$ Acre

A	896	
B	1140	
C	920	
D	657	80.2
Total	3613	3866 23.9

A	1038	
B	948	
C	1019	
D	898	86.7
	3903	41.76 25.8

A	778	
B	949	
C	966	
D	812	77.9
	3505	37.50 23.1

A	765	
B	639	
C	785	
D	697	64.1
	2886	30.88 19.1

A	520	
	834	
	892	
	851	68.8
	3097	33.14 20.5

Zenith 112 7/19 7/31 8/22 45
6 CI-7787 203

6 313 7/22 7/31 8/21 43
401

7/21 (122) 8/22 44

B4310A1-20, 104 7/22 8/1 8/25 45

7 {Sm BR-BR41} 201

{BR41-EP} 7 307 7/20 7/30 8/25 46

CI-8994 408

many students 7/21 (126) 8/26 46

42C403(53)17, 105 7/11 7/20 8/9 38

8 250-3xMag. 213

CI-9172 301 7/11 7/20 8/9 38

409

7/11 (109) 8/9 38

44C507-4052 103 7/21 7/29 8/19 45

9 R-P. Lf x Mag 204

CI-8998 11 303 7/20 7/30 8/21 44

407

7/21 (120) 8/20 45

44C516(52)4090, 102 7/17 7/29 8/17 40

10 Lac x Mag 208

CI 9001 14 309 7/14 7/23 8/18 42

413

7/16 (118) 8/18 41

Lodging	str Hd	HO	CO	Leaf Print
---------	-----------	----	----	---------------

	1, 20	2	3	3
--	-------	---	---	---

0

0	3 75	2-3	2-3	2-3
---	------	-----	-----	-----

0

0	4 50	2	2-3	2
---	------	---	-----	---

0

	2 50	2	3	2-3
--	------	---	---	-----

0

	1 50	3	3-4	2-3
--	------	---	-----	-----

0

v. good; rather tall, high yield
practically no sterility
leaves & stems quite clean when cut,
appears to be the best (or nearly so)
straw's interest for yield

Rather tall, some discolor-
ation, & consid. partial sterility
green straws when over ripe
slimy straw

Short straw, not too high,
fast ripening, v. early

good plot, not as tall as
Remitt, quite uniform,
Among the top for yield &
overall appearance

Sl. irregular ht.; clean
straw, few stink buds. v. good;
grains rather flat.
shorter than R. ps L. X. more
sturdy straw

leaves & stems very clean

wt.
gms.

990

951

974

669

79.6

3584 3835 23.7

796

704

905

748

70.1

3153 3374 20.8

691

880

693

779

67.6

3043 3256 20.1

858

935

887

844

78.3

3524 3771 23.3

688

957

849

945

76.4

3439 3680 22.7

42C403-103,	113	7/18	7/29	8/21	47
11 MagX 250-3	211				
CI-8996 9	306	7/17	7/28	8/22	47
	414	7/18	(122)	8/22	47
C4035,	110	7/18	7/29	8/20	44
12 MagX 4II-1-8	207				
CI-9173	305	7/19	7/31	8/20	43
	403	7/19	(120)	8/20	44
B4564A2-11-4-3,	114	7/18	7/28	8/20	42
13 Bruin Sol x 2	214				
C.I. 9209	311	7/16	7/27	8/20	42
	405	7/17	(120)	8/20	42
Ca124185-2,	111	7/31	8/10	9/7	46
14 Ca x hW	209	a few v.e. plants introduced			
CI-9102	312	7/30	8/10	9/7	46
	411	7/31	(138)	9/7	46

Sody's 1st Hal

		H0	CO	Leaf Sunt
--	--	----	----	--------------

2	40	1-2	3-4	4-5
---	----	-----	-----	-----

sl.

1	20	2	2-3	2-3
---	----	---	-----	-----

0

1	20	2	3-4	3-4
---	----	---	-----	-----

0

0	0	2-3	1-2	1-2
---	---	-----	-----	-----

0

almost as tall as Zenith;
rather sparse panicles, prob. not
as high yielding as Zenith + better
new seed. Rapid leaf drying
tendency, weak straw

Irreg. ht., consid. sterility almost
as tall as Zenith; good;
prob not as sturdy as Zen

sl. shorter straw than Zenith.
Looks good, fairly good for yield,
Rather irregular ht.,
Has longer than average
peduncles, not as sturdy as Zen
quite late, rather tall, hay plot
Jap grain, prob too tall,
Jap straw type only larger stems
and more leafy

$\frac{1}{2} +$
 925

719

722

854

799

68.7

 $\frac{3094}{33.11} \quad 20.4$

710

810

837

629

66.3

 $\frac{2986}{319.5} \quad 19.7$

690

850

894

792

71.7

 $\frac{3226}{345.2} \quad 21.3$

1101

1299

1159

1096

103.4

 $\frac{4655}{498.1} \quad 30.7$

13

II, 37 W Early maturing long

21

Zenith

CI-7787

115 7/22 8/1 8/22 47

218✓

(15) 326 7/23 7/31 8/22 46

421✓

7/23 (122) 8/22 47

22

Prelude

CI-8311

124 7/23 8/9 9/3 53

222✓

16 320 7/24 8/8 9/2 53

423✓

7/24 (134) 9/3 53

Century Patna

231

116 7/24 8/2 8/25 48

✓ 23 CI 8993

216✓

17 323 7/24 8/2 8/25 47

416

7/24 (125) 8/25 48

Century 52

123 7/31 8/10 8/28 44

219

18 327 7/29 8/9 8/30 43

425

7/30 (129) 8/29 44

Rexark

127 8/1 8/10 9/3 47

226✓

19 319 7/31 8/9 9/3 48

420✓

8/1 (134) 9/3 48

25

CI-8644

and long slender grain variety

Lodging

HO

CO

Leaf
Aunt

00

2

3

3-4

0

00

2

3

3-4

ll.

3 10

2

2-3

3

0

3 40

2

2

3-4

0

2 50

2-3

2-3

2-3

ln

v. good plots, hay, but quite
tall

v. tall; rather irreg. ht,
leaning badly after 9/6 storm
broken over badly, as here

good; some sterility throughout
plot, consid sterility in 2nd,
sterility is bad in all series &
especially so in 4th.

v. little sterility; v. good plot,
not as tall as #28; heavier yield.
outstanding appearance in 2nd.

v. hay plot, considerable leaning
of plants on 9/3
Leaning badly on 9/7 after storm

12

989

880

818

825

78.0

3512 3758 23.2

818

909

923

853

80.1

3603 3855 23.8

704

523

518

550

51.0

2295 2456 15.2

719

976

958

861

78.2

3514 3760 23.2

890

1015

1040

907

85.6

3852 4122 25.4

	C50-4054,	117	7/22	8/1	8/22	44
26	R x Z	217				
	CI 9006 23	317	7/20	7/30	8/22	42
		417				
			7/21	(122)	8/22	43
	SP-14,	122	7/25	8/6	8/25	51
✓ 27	TP x R-SBR	225				
	CI 9008 (25)	315	7/25	8/5	8/25	47
		427				
			7/25	(125)	8/25	49
	SP-16	121	7/26	8/7	8/27	50
28	TP x R-SBR	223				
	CI 9009 26	318	7/25	8/5	8/27	49
		422				
			7/26	(127)	8/27	49
	S 4526A3-49B2,	119	7/24	8/4	8/25	45
✓ 29	TP 49 x (TP x R-SBR)	215				
	CI 9010 27	316	7/24	8/3	8/25	45
		426				
			7/24	(125)	8/25	45
	44C 521-4012,	120	7/25	8/5	8/27	47
✓ 30	R x Z	227				
	CI 9011 28	322	7/24	8/1	8/27	47
		415				
			7/25	(127)	8/27	47

Long		studd	H ₀	C ₀	Leaf fruit
	3	40	2	2-3	4-5
0					
	5	80	2	3	2-3
0					
	5	100	2	3	3-4
0					
	4	90	2	3	3
0					
	3	90	2	4	4
0					

Sl. shorter than Ant 231; more
sterility and more dead leaves
Discard acct. sterility and
discolored leaves.

poor yield, irreg. ht,
Consider sterility, not as good
as Ant. v. tall.

Tor tall, irreg. ht, fairly
good yield. good straw, except
for ht.

Rather tall, irreg. ht; prob not as
high as Ant 231.

Prob. seg. for plant ht.; v. little
sterility in 2nd, consid in 3rd.

quite tall, straw hulle,
some sterility, fairly high for
yield.

681

725

678

781

63.7

2865 3066 18.9

559

467

597

645

50.4

2268 2427 15.0

645

576

627

596

54.3

2444 2615 16.1

650

711

621

661

58.7

2642 2828 17.5

585

463

390

470

42.4

1908 2042 12.6

C53-4059,		125	7/25	8/3	8/25	52
31	4II-1-8 x 252	221 ^v				
	CI 9174	321 ^v	7/24	8/2	8/25	49
		424				
			7/25	(125)	8/25	51
B4512A1-20		126	7/13	7/22	8/14	44
32	H.11Sc1 x BBT	224 ^v	7/13			
	CI 9108	324	7/13	7/20	8/14	43
	Incr. same as 72	418	7/13	(10 days on rape wh)		
			7/13	(114)	8/14	44
Stg.-511706		128	7/12	7/24	8/14	45
✓ 33	H.11Sc1 x (TP x R-SBR)	228 ^v	7/12			
	CI 9104	325 ^v	7/12	7/22	8/14	46
		419	7/12			
			7/12	(114)	8/14	46
B4524A1-43-3-2,		118	8/3		9/2	38
34	TP49 x (TP x R-SBR)	220 ^v				
	CI 9114	86 328 ^v	8/3		9/2	37
		428				
			8/3	(133)	9/2	38

Lodging

Leaf

HO CO Amut

3 95 2 2 3.4

0

2 50 3 3 2

ut)

0

2 50 2.3 3 3

0

4 90 2 3 4

0

Consider, sterility, too tall,
fast ripening & leaf dying
a v. long plot. straw huller

many semi sterile heads,
that are poorly filled,
v. early, not so until 8/25 when
badly over ripe.

Extremely irregular, only fair
for grain yield; too tall,
stems quite small. 25 taller
& later than #32.

Considerable W.T. on 7/22
v. short straw; & very sturdy;
an outstanding type,
practically no sterility, same time
in 1953; v. uniform

wt
gr

554

699

643

573

54.9

2469 2642 16.3

461

639

609

668

52.8

2377 2543 15.7

599

656

648

566

54.9

2469 2642 16.3

785

831

703

687

66.8

3006 3216 19.9

25 III, 38 W

41	Nira	137	8/10	8/20	9/10	52
	CI-2702	231				
	29	338	8/9	8/20	9/10	52
42	Sunbonnet	433				
	CI 8989		8/10	(141)	9/10	52
	30	138	8/11	9/12	9/4	46
43	Bluebonnet	229				
	CI-8322	333	8/1	8/11	9/5	46
	31	438				
44	Bluebonnet 50		9/1	(136)	9/5	46
	CI 8990	133	8/4	8/13	9/4	50
	31	238				
45	Improved Bluebonnet	339	8/1	8/11	9/4	50
	CI 8992	440				
	32		8/3	(135)	9/4	50
46	Bluebonnet 50	129	8/3	8/13	9/4	42
	CI 8990	240				
	32	330	8/1	8/13	9/5	43
47	Bluebonnet 50	434				
	CI 8990		8/2	(136)	9/5	43
	33	132	8/8	8/18	9/10	46
48	Improved Bluebonnet	236				
	CI 8992	337	8/4	8/16	9/10	45
	33	435				
49	Bluebonnet 50		8/6	(141)	9/10	46
	CI 8990					
	34					

			Ho	Co	Leaf count
	4	50	2	2	2
ln					
	5	100	2	3	2-3
0					
	4	10	2-3	4-5	1-2
ln					
	4	5	2	3-4	2
0					
	4	30	2-3	1-2	3
0					

V. tall, long heads, wide
leaves, Tangled & leaning
after 9/6 storm

as tall as BBT, dies back
a little slower but too tall
for use on v. good land

drying back fast, very lit,
starting to lean on 9/5.
too tall, many broken over
stalks on 9/9 after storm,
Bad for C.O.

may be as tall as Toro,
definitely larger stems than Toro
looks much yielding
bad for C.O.

Hardly as tall as BBT 50
v. good looking plot

705

755

864

826

70.0

3150 3371 20.8

755

938

826

923

76.5

3442 3683 22.7

800

878

806

833

73.7

3317 3549 21.9

792

884

921

831

76.2

3428 3668 22.6

905

948

885

905

81.0

3643 3898 24.1

Fortuna	130	8/6	8/15	9/6	52	
46 CI-1344	233					
34	334	8/4	8/15	9/7	50	
	432					
	8/5	(138)	9/7		51	
TORO C4-II-8-14	139	8/2	8/14	9/4	43	
47 BBT	235					
1000 CI 9013	329	8/3	8/14	9/4	42	
	431					
	8/3	(135)	9/4		42	
4799						
B46-4799-54	134	8/4	8/14	9/5	45	
✓ 48 Rogue	232					
CI 9014 39	335	8/2	8/13	9/5	47	
CP 9014	437					
	8/3	(136)	9/5		46	
S4542A2-49B-1,	131	7/26	8/8	8/31	43	
✓ 49 R-7689x (TPxR-SBR)	230					
CI 9016	332	7/30	8/8	8/31	44	
cut quantity check quality	41					
	430					
	7/28	(131)	8/31		44	
S4511A2-49B-2,	136	7/29	8/6	9/4	37	
50 H.11 Selx (TPxR-SBR)	237					
CI-9017	42	342	7/30	8/7	9/4	39
	429					
	7/30	(135)	9/4		38	

Subj. stub

		HO	CO	Leaf Smut
--	--	----	----	--------------

4	20	2	2-3	1-2
---	----	---	-----	-----

ln

4	15	2-3	3	3
---	----	-----	---	---

0

4	5	2-3	2-3	2
---	---	-----	-----	---

0

5	100	2	3	1-2
---	-----	---	---	-----

0

4	95	2-3	2-3	3-4
---	----	-----	-----	-----

0

Too tall, v. good yield
wide leaves much neg.
leaning after 9/6 storm.

as much G.G. as Bkt 50.
Rather short stem, much like Bkt 50
for ^{longer leaves} but ¹ does look rather fast
smaller stems than Bkt 50.

grain more slender; Bad for CO
In 3rd is shorter stem than (50)

Looks v. good Bkt 50 appearance
except sturdier stem, large
much less leaf drying than Bkt

Bad for CO.
Lower leaves die back rapidly,
small stems, very long & v. slender
green. An interesting type.
but of questionable comm. value
check milks & cooking good
v. short strong stems,
considered sturdier, not as starchy
or as good appearance as ^{#34}
short heads.

850

883

952

903

79.7

3588 3839 23.7

757

812

757

854

70.7

3180 3403 21.0

806

1110

1000

958

86.1

3874 4145 25.6

634

766

732

767

64.4

2899 3102 19.1

577

681

689

623

57.1

2570 2750 17.0

46C709,
51 4-II-8-14
X
4-II-1-8
CI 9175

100

142 8/4 8/14 9/5 45
242
341 8/2 8/13 9/5 42
436
8/3 (136) 9/5 44

46C713,
52 4-II-8-14
X
322A6-23
CI - 9176

Crown (or)

141 7/3 8/10 9/3 47
234
336 8/1 8/10 9/2 47
442
8/1 (134) 9/3 47

✓ B322B47-12-2-4,
53 RxF
CI 9115

95

135 8/8 8/17 9/10 46
239
340 8/6 8/15 9/10 44
439
8/7 (141) 9/10 45

HO-421-2-1-1,
54 TPx B3812A
CI 9111

140 8/14 8/24 9/13 46
241
331 8/13 8/24 9/13 45
441
8/14 (144) 9/13 46

July 7

HO

CO

Leaf
Bent

4 5 2-3 2-3 2

0

4 90 2-3 4-5 1-2

0

4 20 2-3 2 3

0

4 50 1 1 1

0

prob no taller than BBT-50
has 40 resistance, & good
looking variety,
1. clean grain quality;

Leaves dying, break very rapidly
Taller weaker looking
stem than BBT-50 (small
stems) Too tall, highly suscep-
tible to C.D.

Prob taller than BBT-50,
similar mat, rather
big heads, Imp BBT appearance

Latest in group, & green leaves
yield only fair, some injury
of mat.

747

764

755

1024 73.1

3290 3520 21.7

671

727

746

809 65.6

2953 3160 19.5

871

977

906

864 80.4

3618 3871 23.9

749

798

804

859 71.3

3210 3435 21.2

37 IV, 39W

61 Caloro 145 8/2 8/10 9/6 43
CI-1561-1 243

43 350 8/1 8/9 9/6 46
444

8/2 (137) 9/6 45

62 Calrose
CI 8988

149 7/30 8/7 9/8 42
255 had for M.T.

46 345 7/30 8/8 9/8 41
447

7/30 (139) 9/8 42

63 Hyb Mix-11-47-11-1,
E. Sh. Gr. Bulk

152 8/7 8/16 9/15 39
250

CI 9094 45 354 8/7 8/16 9/15 44
450

8/7 (146) 9/15 42

64 Arkrose
CI-8310

144 8/8 8/17 9/13 48
244

47 346 8/6 8/17 9/13 46
455

8/7 (144) 9/13 47

65 Kamrose
CI-8314

143 8/10 8/20 9/16 50
245

48 355 8/8 8/18 9/16 49
446

8/9 (147) 9/16 50

algae		HO	CO	Leaf Insect
-------	--	----	----	----------------

2	5	2-3	2	2-3
---	---	-----	---	-----

ln

4	5	2-3	1-2	2
---	---	-----	-----	---

ln

4	15	2	1	1
---	----	---	---	---

ln

4	50	2-3	2	2
---	----	-----	---	---

ln

4	60	3	1	2
---	----	---	---	---

ln

Tally & much heavier
looking than Ashie,
leaning on 9/5

v. long Calico plot, leaning
on 9/5

appears to be heavier than
#66 and taller

good plot but too tall,
leaning on 9/5.

long plot, Tall, leaning on
9/5.

grams
per plot

704

983

847

842 ✓ 75.0

3376 3612 22.3

740

780

905

650 68.3

3075 3290 20.3

777

797

889

723 70.8

3186 3409 21.0

883

900

925

739 76.6

3447 3688 22.8

844

828

880

763 73.7

3315 3547 21.9

Hyb Mix-12-47-6,	147	8/8	8/16	9/17	41
66 Late Sh. Gr. Bulk	249				
CI 9117	323	353	8/7	8/16	9/17 40
	449				
		8/8	(148)	9/17	41
Blue Rose 41	151	8/17	8/25	9/25	51
67 CI 8317	248				
	343	8/17	8/25		50
	454				
		8/17	(156)	9/25	51
84559A1-102-2,	156	8/4	8/23	9/16	47
68 Bruin Sel x BR	251				
CI 9021	53	344	8/13	8/22	9/18 46
	443				
		8/14	(148)	9/17	47
Blue Rose	148	8/17	8/24	9/23	55
69 CI-1962	254				
	55	347	8/16	8/23	9/23 52
	453				
		8/17	(154)	9/23	54
C6-I-25-12	146	8/25	9/4	9/25	51
70 BR x BR-R	256				
CI 9020	351	8/25	9/4	9/25	51
	451				
		8/25	(156)	9/25	51

New Seed from
Crowley

Crowley 53C7128

Solymy

Ho

Co

Leaf
Amount

0 0 2 1 1

0

3 80 2-3 1-2 1-2

0

4 15 2-3 1-2 1

0

4 80 2-3 2-3 2

0

4 95 2 1 2

0

considerable stinkiness
standing better or $9/10$ than
no. 63,

1. tall quite uniform
very good

much shorter than
BK 41 or BK; consid stinkiness
good plot,

similar in ht + general
appearance to BK 41

901

923

866

793

77.4

3483 3727 23.0

525

640

694

522

52.9

2381 2548 15.7

670

864

780

850

70.3

3164 3385 20.9

585

773

662

588

57.9

2608 2791 17.2

555

652

718

578

55.6

2503 2678 16.5

54C4121,
71 Imp. BR Sel
CI 9/178
Crowley

154	8/17	8/23	9/16	52
247				
352	8/16	8/23	9/18	52
445				
	8/17	(148)	9/17	52

Asahi
72 CI 8312
Stuttgart

153	8/9	8/16	9/17	40
246				
349	8/7	8/16	9/17	41
452				
	8/8	(148)	9/17	41

cut grass
73 B49-508,
Cax R
CF 9/16
Water
119

150	8/21	8/31	9/24	47
253	brd for W.T.			
356	8/20	8/31	9/24	49
448				
	8/21	(155)	9/24	48

cut a little grass

Slg - 5/2252,
74 Arkrose Sel
CI 9/198
Slg

155	7/30	8/9	9/10	44
252				
348	7/31	8/9	9/10	44
456				
	7/31	(141)	9/10	44

Sally

HO CO Leaf

Smart

0 4 90 2-3 1-2 1-2

0

3 40 3 1 1

0

3 90 3 3 1-2

0

5 95 2 1-2 3

ln

Similar to BK & BK 2
but appears lighter golding

much sterility, short stem
heads rather short as compared
with Colons

V. good for wh. Tip, easy to thresh
not as tall as BK, fairly heavy
looking plot. If not for
wh. Tip, would prob be V. good
Prob sl. later than BK

Smooth, gold hulls, not
too tall, a heavy plot, leaning
slightly on 9/5.

550

654

631

627

54.7

2462 2634 16.3

628

807

852

611

64.4

2898 3101 19.1

769

777

890

673

69.1

3109 3327 20.5

800

768

907

889

74.7

3364 3599 22.2

49 V, 40W

81 C4060, 160 8/30 9/9 50
 15/16 Pox. 258
 CI 9095 57 369 8/30 9/10 9/30 49

460
 8/30 (161) 9/30 50

TP49 169 8/28 9/9 9/26 47
 82 CI 8991 261

58 368 8/28 9/11 9/26 48

466
 8/28 (157) 9/26 48

Rexoro 165 9/7 9/18 10/10 45
 83 CI-1779 257

E 59 361 9/7 9/18 50
 464

9/7 (176) 10/10 43

C4180, 157 8/23 9/15 9/28 49
 84 15/16 Pox. 270

CI 9025 61 357 8/23 9/15 50
 459

8/23 (159) 9/28 50

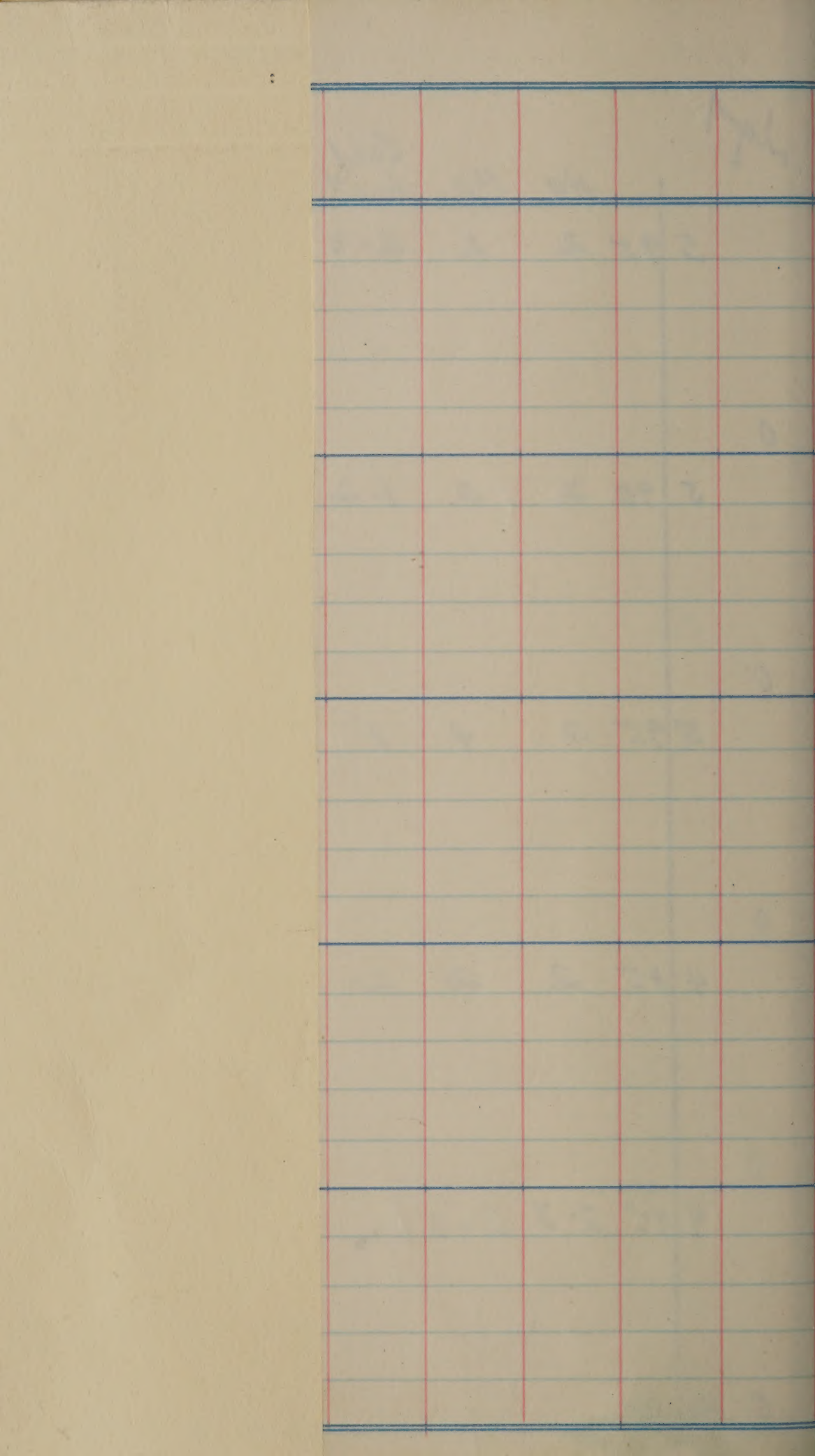
B4552A1-12-1-1, 166 8/31 9/13 9/30 46
 85 TPxR-7689 265

CI 9118 120 364 9/1 9/15 48
 468

9/1 (161) 9/30 47

July 1

		HO	CO	Leaf bunt
0	5 95	2	2	2-3
0	5 90	2	2	1-2
0	5 95	2	4	1
0	4 85	2	2	2
0	4 95	2-3	2-3	1-2
0				



799

843

838

1006

77.5

3486 3730 23.0

792

744

811

672

67.1

3019 3230 19.9

653

656

599

600

55.7

2508 2684 16.6

734

925

852

869

75.1

3380 3617 22.3

772

750

754

725

66.7

3001 3211 19.8

86	B4527A1-11,	163	8/25	9/12	9/27	47
	TP49 x Rex.	259				
87	CI 9120	140	365	8/29	9/10	9/27 47
	9120	462				
			8/27 (152)		9/27	47
			8/31	9/12	9/29	47
88	C3-72-3,	162	8/31	9/12	9/29	47
	Rex. x Pr. Lf.	263				
		362	8/31	9/10	9/29	47
		465				
88			8/31 (160)		9/29	47
	Texas Patna Sela	167	8/25	9/5	9/24	50
	CI-8321	264				
		66	366	8/25	9/5	9/24 51
89		458				
			8/25 (155)		9/24	51
	B4524A1-4,	161	9/1	9/13	9/30	47
	TP49 x (TP x R-SBR)	262				
90	CI 9029 67	367	9/1	9/14	9/20	48
		469				
			9/1 (161)		9/30	48
	CI-8143,	158	8/24	9/1	9/20	50
90	R x D	266				
		68	370	9/24	9/1	9/20 46
		457				
			8/24 (151)		9/20	48

HO CO Leaf
Amount

5 100 2-3 2-3 1

0

5 100 2 4 1-2

0

0 0 2 4-5 1

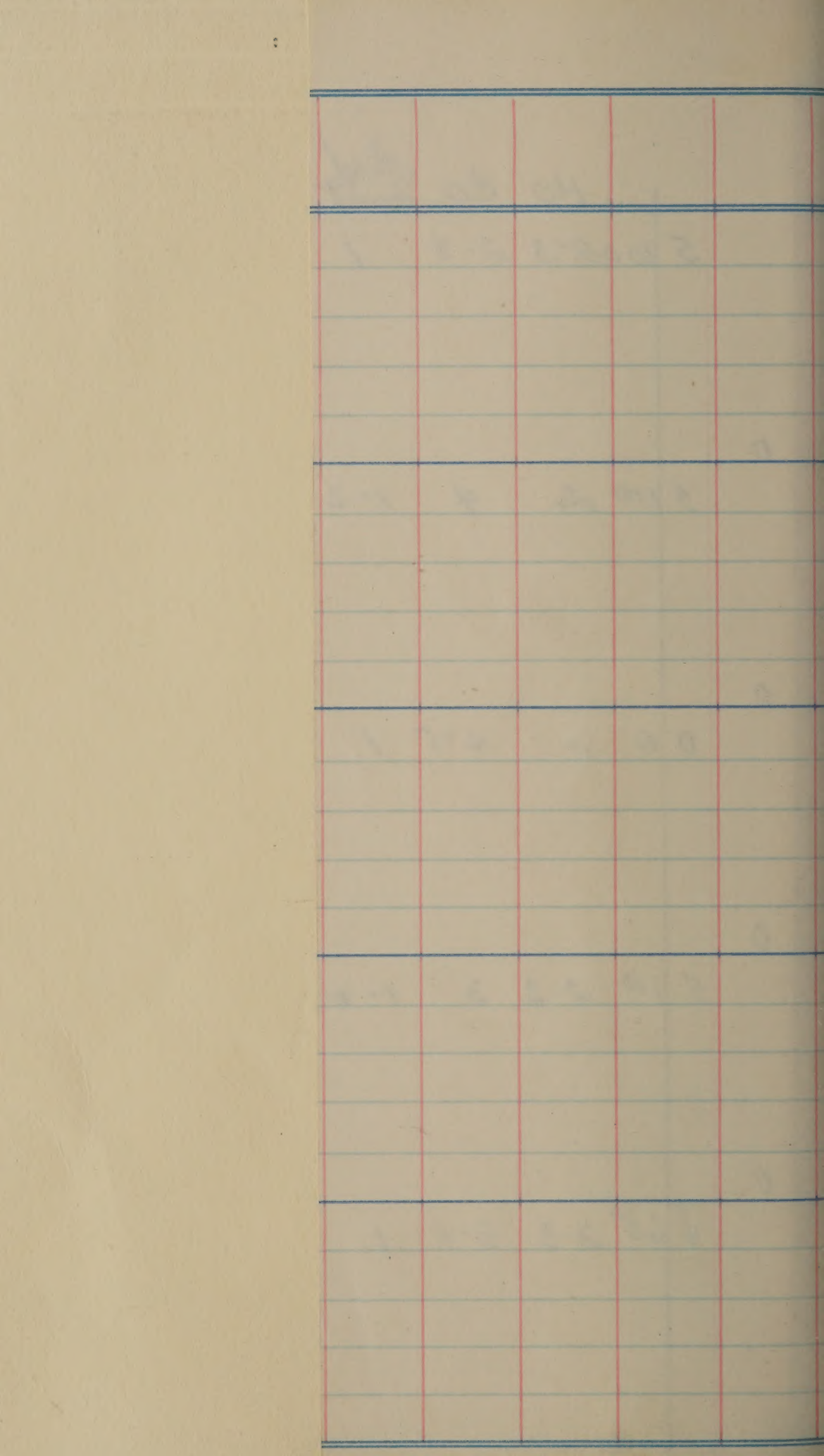
0

5 100 2-3 3 1-2

0

4 65 2-3 3-4 1

0



lbs

A 721

B 790

C 702

D 836

67.7

Total 3049 3262 20.1

796

697

550

537

57.3

2580 2761 17.0

792

640

670

637

60.9

2739 2931 18.1

788

616

822

686

64.7

2912 3116 19.2

775

934

885

961

79.0

3555 3804 23.5

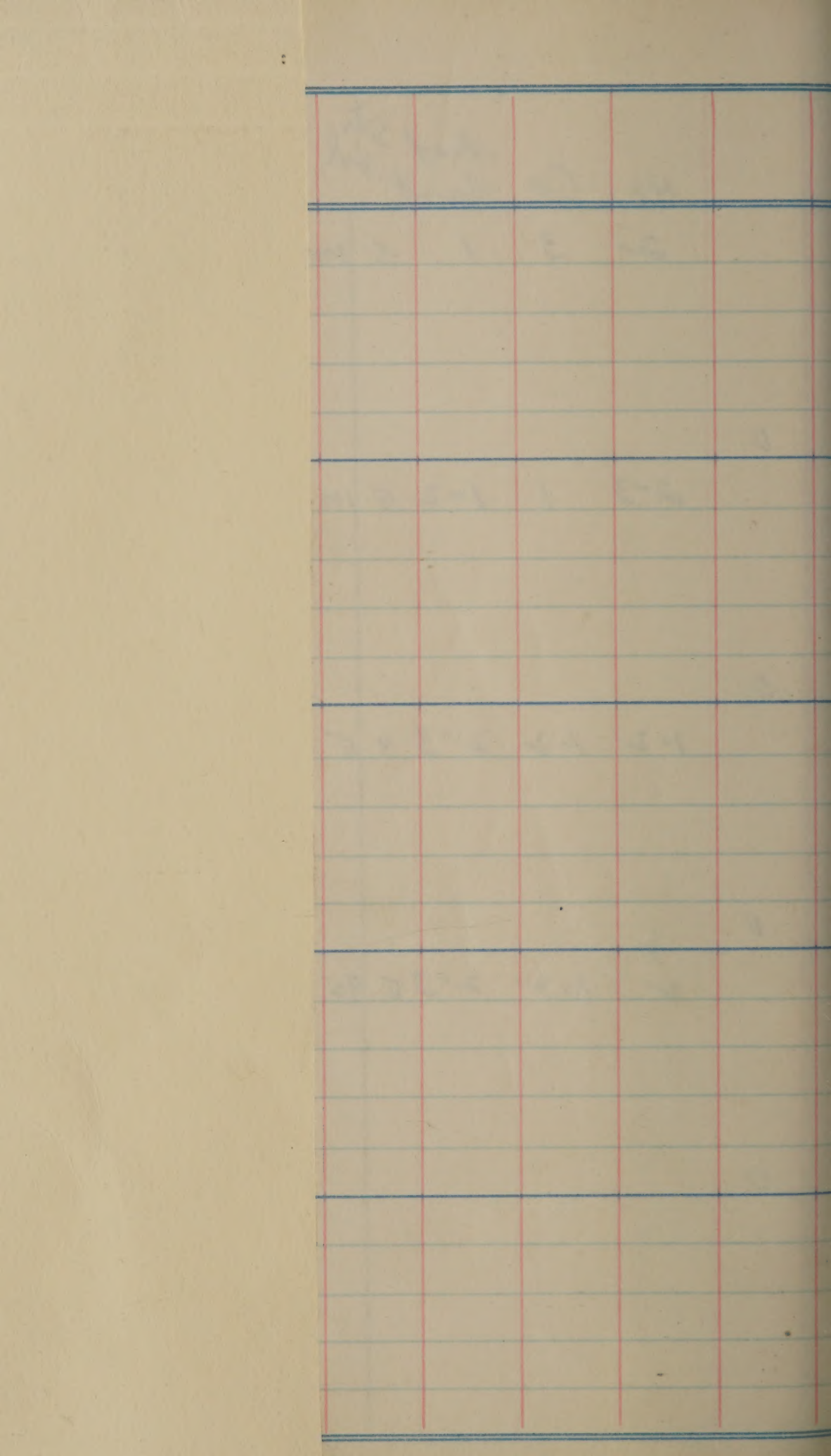
91	B4527A1-48,	164	8/24	9/7	9/26	47
	TP49xRex.	269				
	CI 9119	132 358	8/24	9/7	9/26	47
		461				
			8/24	(157)	9/26	47
92	45C 554,	170	8/24	9/1	9/15	49
	R-P. lfx G	268				
	CI 9031	70 359	8/24	9/1	9/15	49
		470				
			8/24	(146)	9/15	49
93	53C 4120,	159	9/2	9/13	10/1	49
	03-12xTP49	260				
	CI 9179	363	9/2	9/13		48
		467				
			9/2	(162)	10/1	49
94	53C 88,	168	9/3	9/14	10/4	44
	15/16 Rex.	267				
	CI 9180	360	9/4	9/16		46
		463				
			9/4	(165)	10/4	45

Crawley

Crawley

The end

	No	Co	Leaf Amt	Stk Hd	
0	2	3	1	5	100
0	2-3	1	1-2	5	100
0	1-2	1-2	2-3	3	5
0	2	1-2	2-3	5	95
0					



746

695

695

729

2865 3066 18.9

63.7

788

716

891

777

3172 3394 21.0

70.5

805

784

741

712

3042 3255 20.1

67.6

641

739

717

692

2789 2984 18.4

62.0

Send to Adams
Single Field Photo
1st head
full ripe
no dry pl
to m...
nt

✓ 96 B4512A1-4,
Hill Sel x BBT 101
(91.5 H.5) (71)
v. good 2nd growth

7/15 (7/30) 8/18 45
grey mat 114 Ho 9/3

97 B4512A1-20,
H.LL Sel x BBT 102
(90.0.0) (72)
second growth inferior to other side

7/20 (8/2) 8/22 44
grey mat 118 Ho 9/3

✓ 98 B4512A1-32,
H.LL Sel x BBT 103
(90.5 10.5) (73)
2nd cork
taller than A1-20
fairly good 2nd growth

7/16 (7/30) 8/22 45
grey mat 118 Ho 9/3
Nearist looking plot, al

✓ 99 B4515A1-16,
Hill Sel x RN 104
(90.0.0) (74)
2nd cork

7/15 (8/2) 8/23 47
119 Ho 9/3

✓ 100 B459A1-31-4-1-1,
Hill Sel x Rexark 105
(85.5-5.0) 25
10th cork 1619

7/20 (8/2) 8/23 43
119 Ho 9/3

Plot size 6' x 28' (Harv area =
 518.57 x $\frac{1}{100}$ lbs = # per A

NO	CO	cuttings	grain	Sh	Har	lbs per plot
4	4-5	-	-	5	100	4.85
✓	✓	✓	✓	✓	✓	✓
1						
2	4-5	-	-	5	100	4.83
2	4-5	-	-	1	20	5.79
3	4-5	-	-	15	100	5.39
3	2-3	-	-	-	-	5.24

2 ruglet, prob some rep for
mat, much like A1-20

Prob. slater than A1-32 & A1-4
shorter straw than A1-32, prob. not
as heavy yielding; greener straw
than A1-32, more sturdy
some sterility

Taller than others, looks more
like Bunt for rapid ripening
and general leaf & grain appearance.
Less sterility than other Bunt, A1-32

Shorter sturdier straw than
Hus x BBT sels. gold hulls
some bit wrinkled. Good
Plot. Trace sterility

much like 99 except
much more sterility

31x281.0v
8409 ft. 0. 64
1/518.57 Acre

I	II	Total	Eos.	Lbs. run A	
2.62	2.23	4.85		2515.	15.5
			91.5	✓	
			+1.5		
2.39	2.43	4.83		2505	15.5
			90.0		
			0.0		
2.75	3.04	5.79		3003	18.5
			90.5		
			+0.5	2 1/2	
2.83	2.56	5.39		2795	17.3
			90.0	2	
			0.0		
2.65	2.59	5.24		2717	16.8
			85.5	1	
			-5.0		

Single Field Plot

✓ B459A1-49-1-2-1 106 7/18 (7/30) 8/21 42
101 Hill Sol x Rexark 117 No 9/3
(87.5, -2.5) 1628
1 on cook

✓ B4513A1-25-1-2-2; 102 Hill Sol. x BBT 3^{on} 107 7/15 (7/29) 8/22 44
118 No 9/3
Days all a plot (88.5, -1.5) 1637 Some off types present,
Watch for quality. (Excellent field appearance)

✓ B4515A1-21, 103 Hill Sol x RN 201 8/7 (8/16) 9/8 47
135 No 9/13
(88.5, -1.5) 1686
2 1/2 on cook

✓ B4513A2-12-2-2-3, 104 Hill Sol x BBT 202 8/3 (8/15) 9/4 48
1677 No 9/13
131
good cook
✓

✓ Edith 105 7/25 (8/11) 8/22 52
118 No 9/3
203
1605
pro cook
1

No	Co	and	Str Head kg %	Dis, per plot
4	23	3-4	4 100	4.10

2	3	3-4	2 60	5.42
---	---	-----	------	------

good 2nd growth
and forth. Hd Resist.

2-3	3	3-4	5 95	7.68
-----	---	-----	------	------

2	1-2	3-4	4 10	8.43
---	-----	-----	------	------

2	3	3-4	5 100	5.00
---	---	-----	-------	------

more stunkty than 100
word of all early long in
this respect,

A very interesting early
type because of grain
texture, similar appearance
to A 1-20, except less starchy +
clearer grain texture (due to conversion
back to P).
Rather short straw; v. little if any
straw. Late mat. v. good,
high yield. Discolored too early
for best yield's qual.

short straw, V. Uni gold hull
considered good resistance,
appears to be a very big plot;
fairly tall, reasonably good straw,
Drained too early for top yield and
quality, V. Uni & heavy B.B. type
prob superior to Toro
Very tall; trace lodging on 8/6;
some sterility;

I	II	Total	Err	Lbs Per a	Bbls per Acre
2.10	2.00	4.10	87.5 -2.5	2126	13.1
			1		
2.77	2.65	5.42	88.5	2811	17.4
Guard			3		
2.46	3.03		-1.5		
3.58	4.10	7.68	88.5 -1.5	3983	24.6
			2 $\frac{1}{2}$		
4.15	4.28	8.43		4372	27.0
2.32	2.68	5.00		2593	16.0

✓ Lady Wright Sel 204 7/21 (7/30) 8/21 47
 106 ~~1662~~ a few falls over plot
 Pon Cook 1 117 No 9/3

✓ B459 A3-66 (R-54) 205 7/28 (8/8) 8/31 46
 107 Hill Sol x Roxark 127 No 9/3
 V. L. Cook
 Mo.
 R-54

✓ B4517 A1-60 (R-52) 206 7/12 (7/25) 8/18 43
 108 Hill Sol x (TP x R-7689) 119 No 9/3
 Mo.
 R-52
 1/2 on work

✓ B4512 A1-20 (R-50) 207 7/13 (7/31) 8/19 44
 109 Hill Sol x BBT. 115 No 9/3
 1/2 on work
 Mo.
 R-50
 2 regular mat a few later

✓ Stg-511,784 301 7/15 (7/24) 8/19 44
 110 115 No 9/3
 2 work
 Stg.
 511,784

No	CO	Wt. gals	Inv. Bl	Std		
				dy	%	
2	3-4	4	1	-	-	4.95
1-2	2	1-2	4	30		6.61
3	1-2	4-5	-	?	80	4.58
3-4	3-4	4-5	0	4	100	5.13
3	3	3	-	-	-	6.39

quite tall, very leafy,
some sterility, rather weak straw.

Fairly tall, some sterility, clean
straw; Hay yield, a good plot
later than others

V. bad for leaf discolouration and
sterility, short straw, gold bells,
no value.

mostly short straw, irreg. ht,
no C.O. on 8/26, some C.O. on 9/5

Plot sown early line, fairly uni-
ht (few taller types) good

I	II	Total	Lbs per a	
2.43	2.52	4.95	2567	15.8
3.23	3.38	6.61	3428	21.2
2.20	2.38	4.58	2375	14.7
2.55	2.58	5.13	2660	16.4
3.05	3.34	6.39	3314	20.5

Stg. 511,609 ✓

111

2 on cork

302

7/15

7/23

8/19

43

Hw 9/3

115

Stg. 511,887 ✓

112

303

7/15

7/23

8/19

45

Hw 9/3

115

Stg. 511,767 ✓

113

2 1/2 on cork

304

7/12

7/22

8/19

43

Hw 9/3

115

29 Mo.R-27, ✓

114 Co x BR

1 1/2 on cork

305

7/12

7/25

8/18

44

114

Hw 9/3

S417A3 ✓

115 (Medic. 2) x

6355-(EBR)

Mo. 140
Seed

306

7/11

7/21

8/25

47

a few extra, full to 1/30

Dried, lit + mat.

Hw 9/3

121

1 1/2 on cork

No	Co	Eastington		Fus. Bl		St. Hg	90	
3	3	3				-	-	6.82
3	3	3				-	-	4.90
2-3	3	3				-	-	6.34
3	3	3	4	100				7.01
4	3	2	4	90				7.28

much like 110 but more
sterility, prob not as heavy as 110

Taller + faster ripening than
110; a very good plot for yield;
consid. irreg. in ht.

Much like 110, prob at least as
heavy, min ht, rather short
straw, v. good

Short strawed med-grain type
quite early, v. uniform ht,
quite heavy looking, v. promising
no lodging.

Heading badly on 8/10; top straw
Badly lodged on 8/26 after
rainy period; Tall

I	II	Total	Lbs Per a	
3.42	3.40	6.82	3537	21.8
2.44	2.46	4.90	2541	15.7
3.16	3.18	6.34	3288	20.3
3.47	3.54	7.01	3635	22.4
3.85	3.43	7.28	3775	23.3

✓ 323/A14-1-2

116 CAY GO
1 on cookMo. 137
Seed7/17 7/29 8/24 45
307 might mat 120 No 9/3

✓ B437A1-6-1-17-4,

117 SmBR-BR41x8323 108

1 on cook

1601

8/4 8/11 9/18 46

v. slow ripening

v. leafy 145 No 9/20

✓ B459A1-117-1-1,

118 Hill Sel. x Rexark 109

1 on cook

1604

7/28 8/7 9/3 43

No 9/8

130

463/A1-5

119

1 on cook

110

Col.
Seed

8/3 8/10 9/14 48

No 9/20

141

	No	Co	entry	7 no. Bl.	St deg	
	1	11			90	
2	2	1				9.36
3	1	2-3	3	40		7.18
2-3	4	4				6.38
2-3	1-2	3-4	0			7.94

not fully lodged on 9/26 but
entire plot leaning badly
A.V. very short - grain
type but too tall straw
too weak.

Extremely very smooth seed - grain
rather wide leaves & heavier stems than
Jap but Jap drops to straw
no sterility

Rather light yield, short head
considered, sterility, smooth

quite tall, leaning; considered
sterility, smooth seed - short grain

I	II	Total			Lbs Per a	
450	4.86	9.36			4854	30.0
3.47	3.71	7.18			3723	23.0
3.22	3.16	6.38			3308	20.4
4.19	3.75	7.94			4117	25.4

^{yes}
PI-175,014

120

1 cook

111

cal.
seed

7/16 (7/27) 8/30 44
Nr 9/8
126

^{no}
PI-165,017

121

1 1/2 on cook

112

cal.
seed

7/12 (7/24) 9/2 45
Nr 9/20
129

~~2 pages~~

^{yes}
PI-168,949

122

113

cal.
seed

7/16 (7/26) 8/30 46
Nr 9/8
126

^{no}
PI-134,086

123

1 1/2 cook

114

cal.
seed

7/16 (7/26) 9/7 44
Nr 9/8
134

48/2A1-6

124

(CA-BR)⁵

Ca^x 57
1 1/2 cook

208

cal.
sd.

8/2 (8/10) 9/7 45
Nr 9/20
Still stands in when hr
but leaning 134

HO	CO	Exp up down	Trans	Str Hd deg 90	
2-3	1-2	3	+	2 50	6.65
2-3	1-2	2	+		5.35
2-3	1-2	3	+	2 50	5.78
3	1-2	2	+	2 75	6.58
2	1	1	+	0	9.25

Tall, leaning, body, coarse
stinkily, rough, short-grain
rough

much like 120, but later
not as big yielding, prob
more stinkily
short grain, rough

Heavier yielding than 120 or
121, leaning, a rather
tall short grain, rough.
less stinkily than 120 or 121 but for H₂O

much like 122, good but
too tall, bad for H₂O

A med-gr. mixture present
V. good; V. big plot, has
Celgo appearance when ripe.
Prob. sturdier straw than Celgo

I	II	Total	Lbs Per a		
3.53	3.12	6.65	3448	21.3	US
2.68	2.67	5.35	2774	17.1	IS
2.71	3.07	5.78	2997	18.5	SS
2.98	3.60	6.58	3412	21.1	SS
4.77	4.48	9.25	4797	29.6	PS

✓	Hyb Mix-11-47-1-2, 125 E.Sh.Gr. Bulk	209	8/14	(8/31)	9/19	45
					No 9/21	
	7 plots in 1955 alt 7mms 1 1/2 m cork	1729			Still standing OK on 9/16 Leaning d on 9/25 when br.	
					146	
	Hyb Mix-11-47-11-3-1-b, 126 E.Sh.Gr. Bulk	210	8/7	(8/18)	9/16	46
	7 plots in 1955 alt 7mms 2 m cork	1731			Leaning badly 9/16 No 9/21	
					143	
✓	Hyb Mix-11-49-19-2, 127 E.Sh.Gr. Bulk	211	9/4	(9/12)	10/6	—
		1732			Extremely uniform heading v. hoy, excellent plot watch	
✓	Hyb Mix-12-49-3-4, 128 Late Sh. Gr. Bulk	212	8/30	(9/8)	10/1	—
		1733				
✓	Honduras 129 CI-1643	213	7/27	(8/9)	8/27	55
		77			No 9/8	
					123	

Ho	Co	Ext	Ins	Straight		
				deg	90	
2	1	T	T	3	20	7.61
2-3	1	T	T	3	5	9.09
1-2	0	0	-	0	0	8.31
2-3	1	0	-	0	0	5.95
3	3	3-4	-	4	60	5.50

Intermediate bet on veg growth $7/22$
Extremely uniform bet, all heads
appear to be nearly the same
bet, Watch, good straw
many discolored glumes (poor weather)
fairly tall veg growth on $7/22$
and not too tall
extremely heavy yield, heavy
Color drop of straw when
ripe acts heavy grain yield (Watch)
V. short Veg. growth on $7/22$
and short when headed.
V. uniform, still standing OK
on $9/24$ - 4. V. good

V. tall veg growth on $7/22$ and
V. tall when headed, Prob a
very big plot, V. uniform
Wholly lodged $9/16$ when started
to fall.

Extremely high veg growth
V. tall, wide leaves on $7/22$
Extremely tall, some lodging in western
D) plot after $8/25$ rain.

I	II	Total	Eosin	Coke	Th Per a		
3.82	3.79	7.61			3946	24.4	
4.70	4.39	9.09			4714	29.1	
4.52	3.79	8.31			4309	26.6	
unable to get Eosin reading							
2.93	3.02	5.95			3085	19.0	
unable to get Eosin reading							
2.74	2.76	5.50			2852	17.6	
2.67	5.50	8.17	90. + 5.5	3			

✓ B4356A 1-32-1-1-2, 7/19 (7/30) 8/22 43
 130 8326 x 8323-2 214
 78 118

✓ B44-2647-3-1, 8/3 (8/11) 9/6 41
 131 Hill Mod. Sol. 308
 86 + 1.5 m 79
 133

✓ CT-5094 8/5 (8/16) 9/7 46
 132 309
 88 134
 88.5 + 4.0
 Crust

✓ B455444, 7/24 (8/6) 9/1 45
 133 ~~XXXXXXXXXX~~ 310
 B51-3637-6, 1614 (1.5)
 Cont. Rogue (83.0) 128

✓ ~~XXXXXXXXXX~~, 8/13 (8/25) 9/19 55
 134 ~~XXXXXXXXXX~~ 311
 Hill Patna 1616
 88.5 + 4.5
 Crust

3rd page

No	Co	cut	Fwd Bl	Str Ht		
				deg	90	
3	2	3	-	4	95	7.52
3	2	3	-			
3	1	3	-	5	95	7.66
3	1	3-4	-	4	5	6.95
2	1-2	4	-	5	100	7.13
2-3	3	2		5	100	5.53
Sheath spot present						

appearance about like in past
very little stinkety tho, V. good
short stamned type, & stinkety
is light but occurs rather
uniformly over entire plot

V. sturdy stems, sharp stem,
Heavy plot; heads short, typical
Hill bred appearance in this
respect, Possibly send to
Tussock for P.O. reaction

A V. heavy plot, taller than
Cent, lots of vigour, Flag
leaves drop when ripe, are wider
than CP, rough
Later than CP.

a very good Century plot; differs
little from Cent in overall appearance
and maturity; grain may be a little
longer and fuller; Watch closely
was this row at Engle Lake?

V. tall, very heading but
une appearance when ripe,
flag leaves droop; too tall but
very good looking plot.

I	II	Total	Eos	Woh	Per a	
4.00	3.52	7.52	73.5 -11.5	1	3900	24.1
3.76	3.90	7.66	86.0 +1.5	1	3972	24.5
3.60	3.35	6.95	88.5 +4.0	2½	3606	22.2
3.38	3.75	7.13	83.0 -1.5	1	3697	22.8
2.59	2.94	5.53	88.5 +4.0	3	2868	17.7

Century Patna 231

135

(81.5 - 3.0
Eosin)

312

HROW

7/25

(8/7)

9/2

44

Hr 9/8

129

~~Widdowson~~

136

~~Widdowson~~

313

B45-15-1-1-8-2-4-2, 1618

Hill Mod. Rogue

900

+5
Eosin

8/4

(8/16)

9/5

48

Hr 9/8

132

~~Widdowson~~

137

~~Widdowson~~

314

B49-3896,

1620

Cent. Rogue

(82.5 - 2.5 Eosin)

7/25

(8/5)

9/1

47

Hr 9/8 128

V. green vegetation when
more ripe

No	Co	Ent	Bl	Sts Hd	
				Qty	%
2	2	4	-	3 10	7.23
2-3	2	4-5	-	5 100	6.63
2	1-2	3	-	5 100	6.49

A very good CP plot,
long, v. uniform

Taller & later than Cent, flag leaves
drop; grain longer than Cent
v. good plate

about Cent mat & lit; flag drops
early; Rather long peduncle;
rather wide leaves; clean leaves
A very promising type, & excellent
grain texture. Was it grown at E. Lake
grain longer than CP

I	II	Total	Ess.	Cook	Lbs Per a		
3.68	3.55	7.23	81.5		3749	23.1	
			-3.0	1			
3.25	3.38	6.63	90.0		3438	21.2	
			+5.5	3 $\frac{1}{2}$			
3.63	2.86	6.49	82.5		3366	20.8	
			-6.0	1			

138

~~B4524A1-8, 1625~~

852-2459

E. 881. Sol.

115

1624

atkins found stem rot
on 9/13/54,

8/4

(8/12)

9/2

47

129

139

~~B4524A1-8, 1625~~~~TP49x(1PXR-SBR)~~

B4524A1-8,

1625

TP49x(1PXR-SBR)

(77.0 - 11.5 Eosm)

116

7/28

(8/7)

8/30

43

126

140

B453/A2-20-5-4,

TP49xRN

117

1697

8/10

(8/22)

9/10

47

141

B4530A1-36-2-1,

TP49xHILL Mod.

118

1646

8/3

(8/11)

9/6

40

133

8/6

(8/17)

9/7

48

134

142

B4530A3-37-1-2-1,

TP49xHILL Mod

119

1695

As Hill mod shows + ht,
Adv to Uni field nurse

No	Co	Ent	Lus Bl.	St. hol Dep. 90	
2-3	2-3	3-4	-	5 2	6.15
Item not noted after homestead					
3-4	2	3-4	-	5 100	5.48
4	1	2	-	5 100	6.12
3-4	4	2	-	5 100	6.08
3	3	2	-	10 100	6.73

Much like BBT, except earlier;
& wider leaves, A fairly uni-
form plot hay, stems break
very soon; Many broken over
after storm on 9/6.

A very good C.P. type
prob. shorter straw, and
maybe earlier, more nearly
a T.P. grain shape, & slender
grains.

Rather tall, wide leaves, large
culms, flag drop,

A long grain Hill medium
Jitterbug, v. uni, v. short,
sturdy straw, flag rather
wide drop, Has a very attract.
grain, no wh. eye

I	II	Total	Ers	Cook	Lbs Per A		
3.02	3.13	6.15	90.0 +4.5	not cooked	3189	19.7	
2.75	2.73	5.48	77. -11.5	1	2842	17.5	
3.08	3.04	6.12	84.5 -0.5		3174	19.6	
3.17	2.91	6.08	83.5 -1.5		3153	19.5	
3.31	3.42	6.73	79.0 -9.5		3490	21.5	

HO-421-2-1-1,
143 TPx B3812A

120

1715

8/22 (8/31) 9/24 48
151

HO-421-2-1-1,
144 TPx B3812A

121

103

8/22 (8/31) 9/24 49
151

Century 234-2-1
145

215

102

8/22 (9/1) 9/21 46
Nv 9/21
148

HO-341-1-1-1,
146 TPx B3812A

216

104

8/1 Seg (8/16) 9/10 46
Nv 9/13
137

HO-116-1-1-1,
147 TPx B3812A

217

91

8/10 (8/29) 9/15 49
Nv 9/21
142

No	CO	St	Zoo. Bl	Sh. Hd	
				days	%
1	1	1	-	4 20	6.72
1-2	1	1	-	4 80	6.82
Kernel smut present					
2	1-2	2-3	-	4 95	6.34
1	1-2	2	-	4 5	6.26
1-2	1	1-2		5 100	6.14
Trace Kernel Smut					

More uniform than 144, +
pieces of mixtures good

good but mixtures present

Late mat, short *Stachys* chain
erect flops of *Rexia* v. good
Short than erect flop when
mature v. good

Rather tall *Scorpioides* v. good
v. clean for Ho but more
leaf drying than 147, flops
are wide + deep; v. large culms

Similar to 148

I	II	Total	Err	Obs Per a	
3.45	3.27	6.72		3485	21.5
			82.5 -10.		
3.45	3.37	6.82		3537	21.8
			78.0 -10.5		
3.27	3.07	6.34		3288	20.3
			81.5 -3.5		
3.09	3.17	6.26		3246	20.0
			94.5 +2.0		
2.89	3.25	6.14		3184	19.7
			78.0 -10.5		

218

1718

8/10 (8/20) 7/15 47
 142

B4510A1-154-7-1,
149 HILL Selv BBT 219
107

8/10	8/22	9/13	49
		140	

B4512A1-106-1-3,
H.LLSol. x BBT. 220

8/10 (8/22) 9/12 46
Hw 9/21
Change size when cut
139

151 ~~10/11/1971~~ 221
 B45/2A1-106, 1679
 H. L. Sel. x BBT.

8/11 (8/20) 9/13 44
 Nov 9/13
 Barely ripe when cut
 140

B455A1-27-3-3,
152 BBT x (TP x R-SBR) 315
109 Ba

8/5 (8/17) 9/13 44
1/4 9/13
Paralyse ripe when out
140

Ho	Co	Ext	Fus Bl	Str Hd	
				deg	no

2 1 1-2 - 5 95 6.24

Trace Kernel smut

2 2-3 1 - 5 100 6.61

2 3-4 1 - 4 5 7.12

2 3-4 1 - 10 100 7.38

2 2 3 - 5 100 7.76

Flop drop, leaves long, very
green, as clean & rather wide
V. sturdy stem, light green
appearance, a BBT grain
watch

Taller than 150 + 151, other
wise an excellent BBT 50 type
CO = Sweet & had leaf drying
like BBT 50 V. long, watch

Taller & more upright than
No 151

No BBT Connection & uniform
prob, not as tall as BBT 50
V. good.

A very good plant, uni, V. little
sturdy, sturdy stem, shorter
than BBT 50

I	II	E _{av}	L ₁ K ₁ a	
3.17	3.07	6.24	3236 20.0	
		78.5		
		-10.0		
3.07	3.54	6.61	3428 21.2	
		83.5		
		-1.5		
3.55	3.57	7.12	3692 22.8	
		82.0		
		-3.0		
3.43	3.95	7.38	3827 23.6	
		85.5		
		-3.0		
4.27	3.49	7.76	4024 24.8	
		89.5		
		+4.5		
		3		

✓	B454A1-81-4, 153 BBt x K-R	316 1649	8/11 (8/22) Nu 9/13	9/12 139	49
✓	B455B2-3, 154 BBt x (TP x R-SBR)	317 1651	8/10 (8/21) Nu 9/13	9/12 139	45
✓	B455AB2-11-2, 155 BBt x (TP x R-SBR)	318 1654	8/10 (8/19) Nu 9/13	9/11 138	45
	B403A1-1-5, 156 TP x R-SBR	319 1671	8/20 (8/31) Nu 9/21	9/21 148	43
✓	B4526A4-4-1, 157 TP49 x (TP x R-SBR)	320 1692	8/26 (9/6) Nu 9/21	9/21 148	47

Ho	Co	Est.	7 _{no} Bl	Str Del		
				deg	90	
1-2	1-2	1-2	-	4	5	7.71
2-3	2-3	3	-	5	100	6.39
3	3	3-4	-	4	10	7.11
2-3	1-2	1	-	10	100	5.45
3	1-2	3	-	5	95	7.39

quite tall, & leafy; v clean for
Do, water, Leaves remain
green when over-ripe,
v. good

Short strong sturdy strong
fair yield but pan. rather short.

more Uniform & less sterility
than 154, 9 much better
looking plot, grain good looks
v. good; shorter straw than #154

drooping leaf habit of T P+9
Rather late maturity

I	II	Total	Ess.	Lbs Per a	
3.76	3.95	7.71	88.0 +3.0	3998	24.7
			3		
3.07	3.32	6.39	85.5 +0.5	3314	20.5
			3		
3.55	3.56	7.11	62.0 -23.0	3687	22.8
			$1\frac{1}{2}$		
2.62	2.83	5.45	81.5 -10.5	2826	17.4
			-		
3.65	3.74	7.39	75.5 -13.0	3832	23.7
			3		

✓ B45-2379,
158 BBT. Sol.

321

1704

8/5 (8/12) 9/10 45
No 9/13
Short peduncle
137

~~1704~~
~~1705~~

✓ B45-2379-6-1-1-2,
159 BBT. Sol.

122

1705

8/13 (8/23) 9/16 50
No 9/21
143

✓ B47-3054,
160 Rexark Sol.

123

110

8/22 (9/2) 9/21 48
No 9/21
148

5th player
✓ CI-8629
161 (G.Lut.)

124

114

8/3 (8/11) 9/17 39
No 9/21
144

Ho	Co	Ent	7mo Bl	Stn Hd	
				deg	%
3	1-2	3	-	5	100 7.63

3 1-2 2 - 5 100 6.47
Trace Kernel meet

2-3 2 2 - 4 95 6.67

2-3 1 1 M 3 50 5.50

very short peduncle, panicle
base does not align evenly
from sheath, Watch carefully
as a shorter than Bst 50
BBT type, Promising, V little
Co.

Very BBT type, long heads
rather tall, rather leafy
differs from 158 in ht.

Short erect panicles

A very good short strawed for

I	II	Total	Eos	Lbs Per a	
3.76	3.87	7.63	76.5 -8.5 2½	3957 24.4	
3.17	3.30	6.47	89.0 -3.0 —	3355 20.7	
3.17	3.50	6.67	72.5 -12.5 1	3459 21.4	
2.77	2.73	5.50	34.5 -50.5 1	2852 17.6	

117

Ripening dates from 162 to 200
are approximate dates as notes
were not recorded at time of ripening

✓ B47-4399-7-1,
162 (Glut.)

125

9/2

9/11

10/4

3

161

115

✓ B47-4399-7-1, ?
163 (Glut.)

126

9/2

9/11

10/4

38

161

1724

✓ B46-2053-14-1,
164 Rx7689

127

8/31

9/12

10/2

50

159

1608

✓ B49-515, CaxR
165

128

9/5

9/18

10/7

47

164

1780

✓ 166 CaxR

222

8/28

9/5

9/30

46

157

1781

Ho	Co	Ent	7 th Bl.	Stk Hd	
				dy	yo
3	1	1	-	485	8.30
3	1	1	-	480	8.59
2-3	1	1	-	595	7.34
white top present					
3	1	1	-	00	7.89
2				00	4.89

Roller leaf type

Rather short reg. growth 9/10

Tall & vigorous ^{outstanding} reg. growth on 7/22
much sturdier

I	II	Total	Eco.		Lbs Per a	
4.03	4.27	8.30	15.5 -69.5	1	4304	24.6
4.30	4.29	8.59	16.0 -69.0	1	4455	27.5
3.61	3.73	7.34	82.5 -2.5	3	3806	23.5
3.98	3.91	7.89	80.0 -5.0	2½	4092	25.3
1.97	2.92	4.89	57.0 -28.0	1	2536	15.7

✓ B4552A1-12-1-1,
167 TPx R-7689

223

120

9/4

9/17

10/6

51

163

✓ B4552A1-15,
168 TPx R-7689

224

1775

9/3

9/14

10/5

51

162

✓ B4524A1-41-1-1,
169 TP49x(1PxR-SBR)

225

121

9/1

9/13

10/3

50

160

✓ B4544A1-27-1-3,
170 R-7689xRN

226

122

9/5

9/18

10/7

43

164

✓ B4541A1-27,
171 R-7689xTP49

227

126

8/28

9/6

9/30

40

157

*Visitors
Advance*

Ho	Co	Est	7 th St. Rd.		
			Bl	dy	90
3			5	100	7.25
leaning sl on "10					
2-3			3	20	8.15
1 little lodging "10					
2			10	100	6.89
leaning on "10					
2			5	100	6.85
no lodging "10					
3			10	100	7.05
no lodging "10					

erect leaves.

Rather tall neg. growth on 7/22, rigid
erect leaves.

erect leaves, Tall on 8/10

erect leaves

Short neg. growth on 7/22
erect leaves, short stem,
uniform,

I II		Exc.	Sub	Lbs Per a		
3.52	3.73	7.25			3760	23.2
		64.0				
		-16.0	3			
3.89	4.26	8.15			4226	26.1
		76.5				
		-8.0	3			
3.31	3.58	6.89			3573	22.1
		61.0				
		-23.0	1			
3.18	3.67	6.85			3552	21.9
		58.0				
		-22.0	1			
3.55	3.50	7.05			3656	22.6
		66.0				
		-18.5	1			

✓ 172 B47-4980-3, 228 9/6 (9/19) 10/7 53
 Karang-Serang 164
 127

✓ 173 B47-4980-3, 322 9/10 (9/20) 10/12 51
 Karang-Serang 169
 1785

~~4th page~~
 ✓ 174 B4030AB-13, 323 8/29 (9/7) 10/1 45
 (R-7689) x R 158
 129

✓ 175 B46-2069-5-3, 324 8/29 (9/7) 10/1 45
 T. Patna Sol. 158
 (Dwarf) 130

176 Texas Patna 325 9/3 (9/15) 10/5 55
 CI-8321 162
 131

No	CO	Ext	F _{no}	Stk H ₁ deg %
----	----	-----	-----------------	-----------------------------

3			595	5.59
V. slender stem no lodging 11/10				

2-3			5100	6.38
no lodging 11/10				

1-2			315	8.75
some lodging 11/10				

3			320	7.18
no lodging 11/10				

2			35	7.03
bally lodged 11/10				

1/2 tall per growth on / 22
erect leaves

erect leaves

erect leaves

erect leaves

I	II	Total	Ers.	the Per a	
2.79	2.80	5.59	80.0 -4.0	2	2899 17.9
3.47	2.91	6.38	80.5 -3.5	2	3308 20.4
4.11	4.64	8.75	80.0 -4.0	2	4537 28.0
3.46	3.70	7.18	84.0 -0.5	2½	3723 23.0
3.53	3.50	7.03	87.0 +2.0	3	3646 22.5

get from seed room
for 8u chain

✓ B4527A1-47,
177 TP49xRox.

326

1770

9/9

9/21

10/11
168

50

B4527A1-48,
178 TP49xRox.

327

1758

9/12

9/23

10/13
170

50

✓ B48-6418,
179 Rox. Rogue

328

1759

9/9

9/21

10/11
168

49

No	CO	Est 7 th Bl.	St. Hl.
----	----	-------------------------	---------

2-3		4 20	6.74
-----	--	------	------

badly lodged $1\frac{1}{10}$ (flat)

ad

2-3		5 100	5.81
-----	--	-------	------

badly lodged $1\frac{1}{10}$ (flat)

✓

		5 100	7.17
--	--	-------	------

once lodging but less than
4527A line

outstanding neg. vigor on 6/22
watch TP 49 leaf habit

many dead leaves on 7/22
erect leaves

erect leaves

I	II	Total	Eno.	Lbs Per a		
3.60	3.14	6.74	84.5 +0.5	3495	21.6	
			3			
2.73	3.08	5.81	84.5 -0.5	3013	18.6	
			3			
3.51	3.66	7.17	83.5 -1.5	3718	23.0	
			3			
2						

✓ 852-3552,
180 T.P. Sol

129

8/28

(9/8)

9/30

46

157

1762

(sh + Early)

v. bad for long drying

✓ 852-3557,
181 T.P. Sol.

130

9/10

(9/20)

10/12

48

169

1763

(Rev. appearance)

✓ 852-4820,
182 T.P. Sol.

131

9/6

(9/19)

10/8

46

165

1764

short-straw

✓ B324B49-10,
183 px 5094

132

9/6

(9/17)

10/8

49

165

1765

✓ 848-6420-1,
184 Rev. Sol.

133

8/31

(9/17)

10/12

50

159

1767

DO	CO	Ent	Time BL	Str Hd deg	70
----	----	-----	------------	---------------	----

3	4			0 0	5.99
---	---	--	--	-----	------

2-3	4			5 85	5.18
-----	---	--	--	------	------

3	2			0 0	5.21
---	---	--	--	-----	------

3				0 0	5.96
---	--	--	--	-----	------

3				4 50	7.21
---	--	--	--	------	------

V. bad foca

lighter green color + more
dead leaves 2/10

I II			Σ		$\frac{2\theta}{\text{Per } a}$		
90	3.09	5.99	81.0 <u>-3.0</u>	$2\frac{1}{2}$	3106	19.2	
2.50	2.68	5.18	79.5 <u>-5.5</u>	$2\frac{1}{2}$	2686	16.6	
3.52	2.69	5.21	82.0 <u>+3.5</u>	3.0	2702	16.7	
2.98	2.94	5.96	85.0 <u>+0.5</u>	3	3091	19.1	
3.54	3.67	7.21	83.0 <u>-1.5</u>	$2\frac{1}{2}$	3739	23.1	

185 B44-5849,
Rox. Sel.

134

9/7

9/18

10/9

48

166

1769

186 B4527A1-20,
TP49x Rox.

135

9/4

9/17

10/6

48

163

133

187 B49-4950-5,
Korang-Serang

229

9/4

9/12

10/6

60

163

134

188 B4526A4-4-1-1,
TP49x (TPxR-SBR)

230

9/6

9/13

10/8

48

165

1736

189 B4534A1-58,
R-7689x (TPxR-SBR)

231

8/29

9/7

10/1

49

158

1751

DO	CO	Est	7ms	Str	hd
			Bl	deg	%
2-3			5	90	6.83
2-3			5	100	7.30
2			5	95	5.24
2			5	90	7.38
1-2			5	100	6.66

erect leaves, vitell 8/10

drooping leaves,

erect leaves, some dead 8/10

I	II	Total	Eos		Lbs Per a	
3.85	2.98	6.83	80.0 -3.5	3½	3542	21.9
3.80	3.50	7.30	77.0 -7.0	3	3786	23.4
2.38	2.86	5.24	80.0 -3.5	2	2717	16.8
3.76	3.60	7.38	74.0 -9.5	3	3827	23.6
3.29	3.37	6.66	60.0 -20.0	3	3454	21.3

✓ B454/A1-49, 232 8/30 9/8 (10/12) 48
 190 R-7689xTP49 159
 1752

✓ B4545A1-9, 233 8/28 9/6 (10/1) 48
 191 TPxHILL Mod. 158
 1753

✓ B4545A2-1, 234 9/6 9/13 (10/8) 46
 192 TPxHILL Mod. 165
 1754

✓ B454/A1-27, 235 8/29 9/6 (10/1) 39
 193 R-7689xTP49 158
 1756

✓ B343B47-18-3-1, 329 9/8 9/19 (10/10) 48
 194 N x K 136 167

No	Co	Ent Fms Bl	Str Hd day no 70	
1-2 ✓			4 60	7.56
2 ✓			4 80	6.54
2 ✓ badly lodged "10			4 50	6.85
2			4 20	6.97
2 ✓ no lodging "10			10 100	6.09

erect leaves, many dead

quite tall mostly erect leaves

drooping leaves, fairly tall

erect leaves, rather short

erect leaves 8/10

			ϵ_{20}	$\frac{L}{R}$ a		
3.81	3.75	7.56	63.0 -20.5	3	3920	24.2
2.99	3.55	6.54	49.5 -30.5	1	3391	20.9
3.45	3.40	6.85	79.5 -4.0	3	3552	21.9
3.64	3.33	6.97	66.5 -13.5	1	3614	22.3
3.00	3.09	6.09	82.5 -2.0	3	3158	19.5

✓ B343B47-18-11-4, 9/8 9/19 (10/10) 51
 195 N x K 330 167
 1757

✓ B4545A2-3-2-1-1, 9/12 9/25 (10/14) 47
 196 TP x HILL Mod. 331 171
 138

B4545A2-1, 8/30 9/7 (10/2) 51
 197 TP x HILL Mod. 332 159
 1771

✓ B4524A1-13, 9/4 9/13 (10/6) 49
 198 TP49x(1P x R-SBR) 333 163
 139

✓ B4527A1-11, 9/4 9/16 (10/6) 43
 199 TP49x Rex. 334 163
 140

No	Co	Ent	7m. Bl	Str. Hcl deg 96	
2-3				5 100	5.43
v. little lodging "10					
3				10 100	2.70
sturdy straw, v. little lodging on "10					
1-2				5 100	5.51
2				4 90	5.86
2				5 100	7.05

erect leaves, tall 8/10,

v. good veg growth on 7/22
leaves mostly erect, Tall 8/10

narrow leaves, v. good on 7/22
v. few dead leaves on 7/22
drooping, very tall 8/10

semi erect leaves 8/10

erect leaves 8/10

			Eas		Lbs Per a		
I	II	Total					
2.49	2.94	5.43	85.5		2816	17.4	
			+2.0	3			
1.22	1.48	2.70	83.0		1400	8.6	
			+3.0	1			
2.67	2.84	5.51	77.5		2859	17.6	
			-7.0	1 $\frac{1}{2}$			
2.85	3.01	5.86	78.0		3039	18.8	
			-2.0	2 $\frac{1}{2}$			
2.84	4.21	7.05	80.5		3656	22.6	
			-3.5	3 $\frac{1}{2}$			

B4527A1-11,
200 TP49 x R.

335

1772

9/3

9/14

10/5

162

49

44

80th page

Do Co

2	3 40	7.05
---	------	------

cut lines 9/10

ϵ_m Lbo
Per
a

3.35 3.70 7.05

3616 22.6

83.0

 $3\frac{1}{2}$

-1.5-

main block 26 west

32

34

7000 building
1000 wiring, heating and ball,

7000, addition to building, build
1000, lab tables, hot water heater, etc.
moving butane tank
air conditioning facilities,
condensing chamber

laboratory equipment for biochem

facilities for handling fruit, cultural
products, etc for milling

no 307 in full photo - H 1/3

mt. Tip in field near

5 blocks

2701

01

111

22

2101

2001-3 42 43 84

2
No 2nd Crop. 96
97
98

102

108

109

legends

101

102

103

107

206

207

100-2000 hds

1954

Six-Row BREEDING NURS.

Page 51

601-647

Smooth ZENITH Seis.

Page 1

801-856

UNITED STATES
DEPARTMENT OF AGRICULTURE

FIELD NOTES

AGRICULTURAL RESEARCH ADMINISTRATION
BUREAU OF PLANT INDUSTRY, SOILS, AND
AGRICULTURAL ENGINEERING
DIVISION OF COTTON AND OTHER FIBER CROPS
AND DISEASES

Book-7

F₂ Populations

Page 123

Plants to green house
607, row 4 Jap leaf stem
619, Rolled leaf CP-type

Get No 341 from Row 692 for J. H.
in crossing
701 smooth med or with large Jap leaf

696 has grassy dwarf
713 has shrub types present (mab. sh.)

If this notebook is lost will finder please mail to:

U. S. DEPARTMENT OF AGRICULTURE

Bureau of Plant Industry, Soils, and
Agricultural Engineering,

Division of Cotton and Other Fiber Crops
and Diseases

Washington 25, D. C.

no heads saved above 796
unless so noted
JMS 10/6/54

16-61780-1

Row not in on 10/6

620-344

643 (243) (445)

679 (344) length ad 12

and all numbers above 685

SUGGESTIONS CONCERNING FIELD DATA AND NOTES

DIVISION OF COTTON AND OTHER FIBER CROPS AND DISEASES

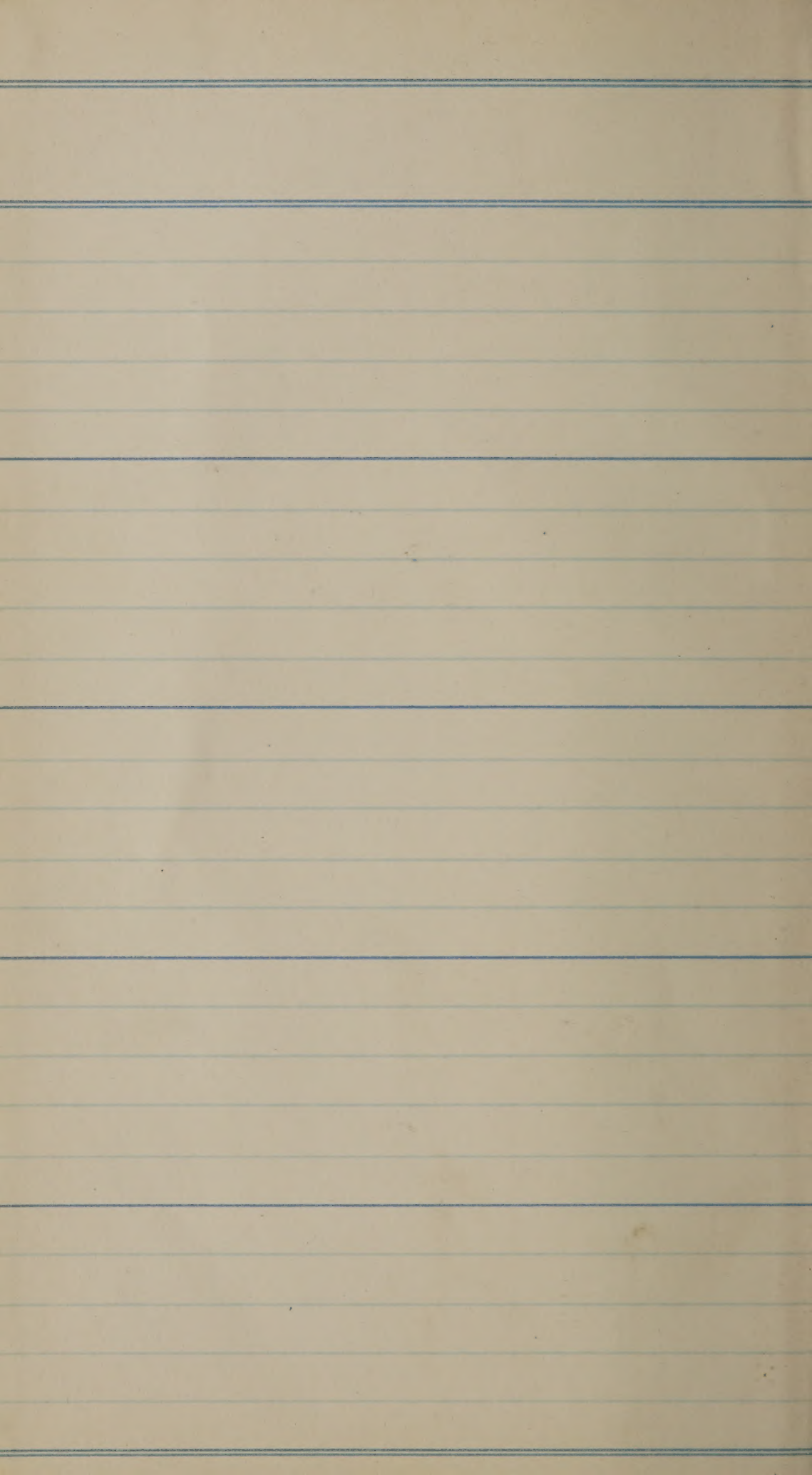
It is suggested that the following general information be recorded for each field experiment:

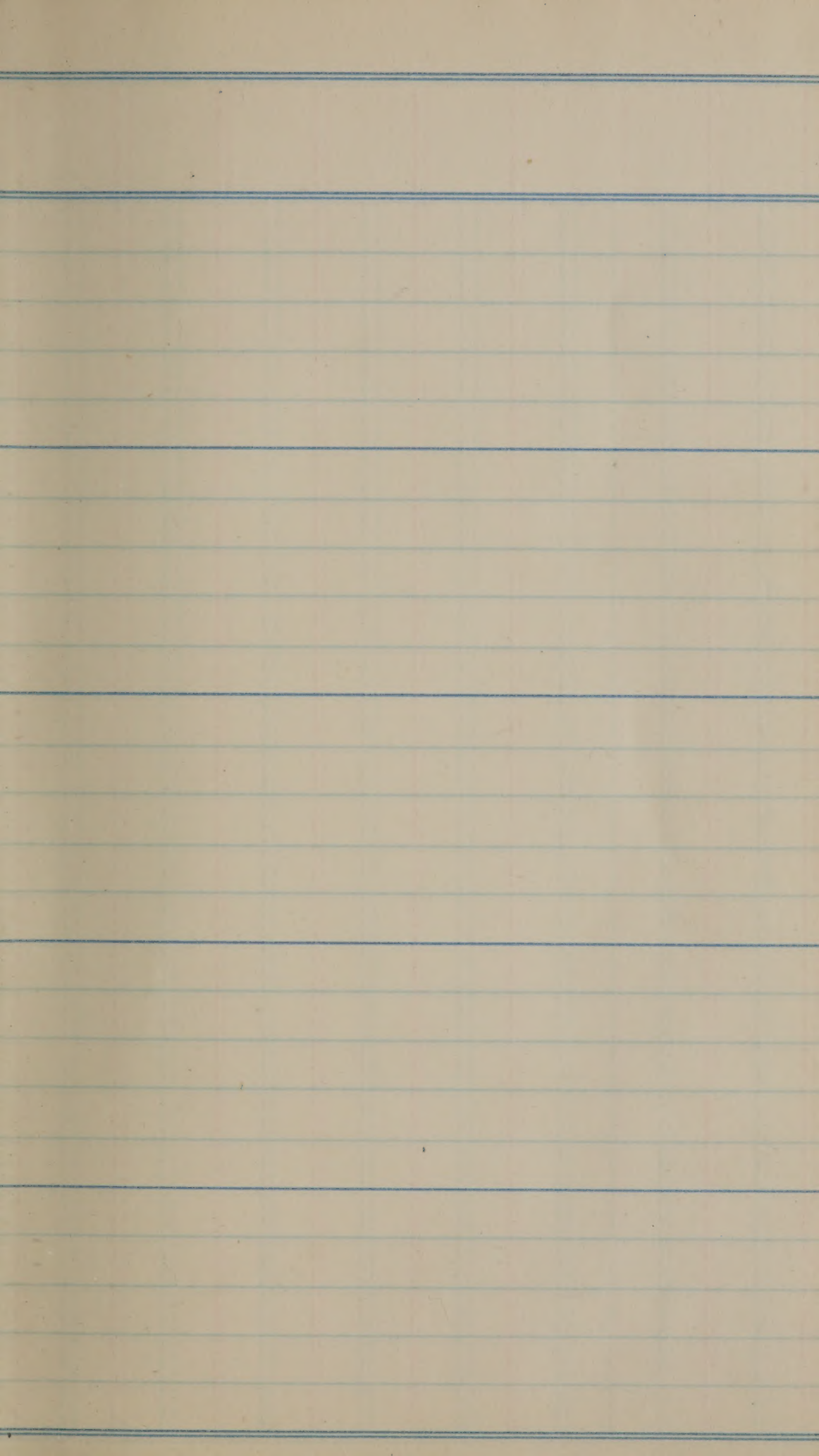
1. Name of experiment or study.
2. Soil type.
3. Previous crops and fertilizers (2 years).
4. Preparation of land: (a) Methods (b) Dates
5. Size of plot:
 (a) Area in square feet (b) Number of rows
 (c) Length of rows (d) Width of rows
6. Fertilizer:
 (b) Analysis (N-P-K) (a) Pounds per acre
 (d) Method of application (c) Time of application
 (e) Side dressings
7. Planting: (a) Date (b) Rate (c) Method
8. Thinning: (a) Date (b) Method (c) Approximate optimum spacing attempted
9. Cultivation: (a) Implements used (b) Dates
10. Dates at which all notes and samples are taken.
11. Dates of pickings.

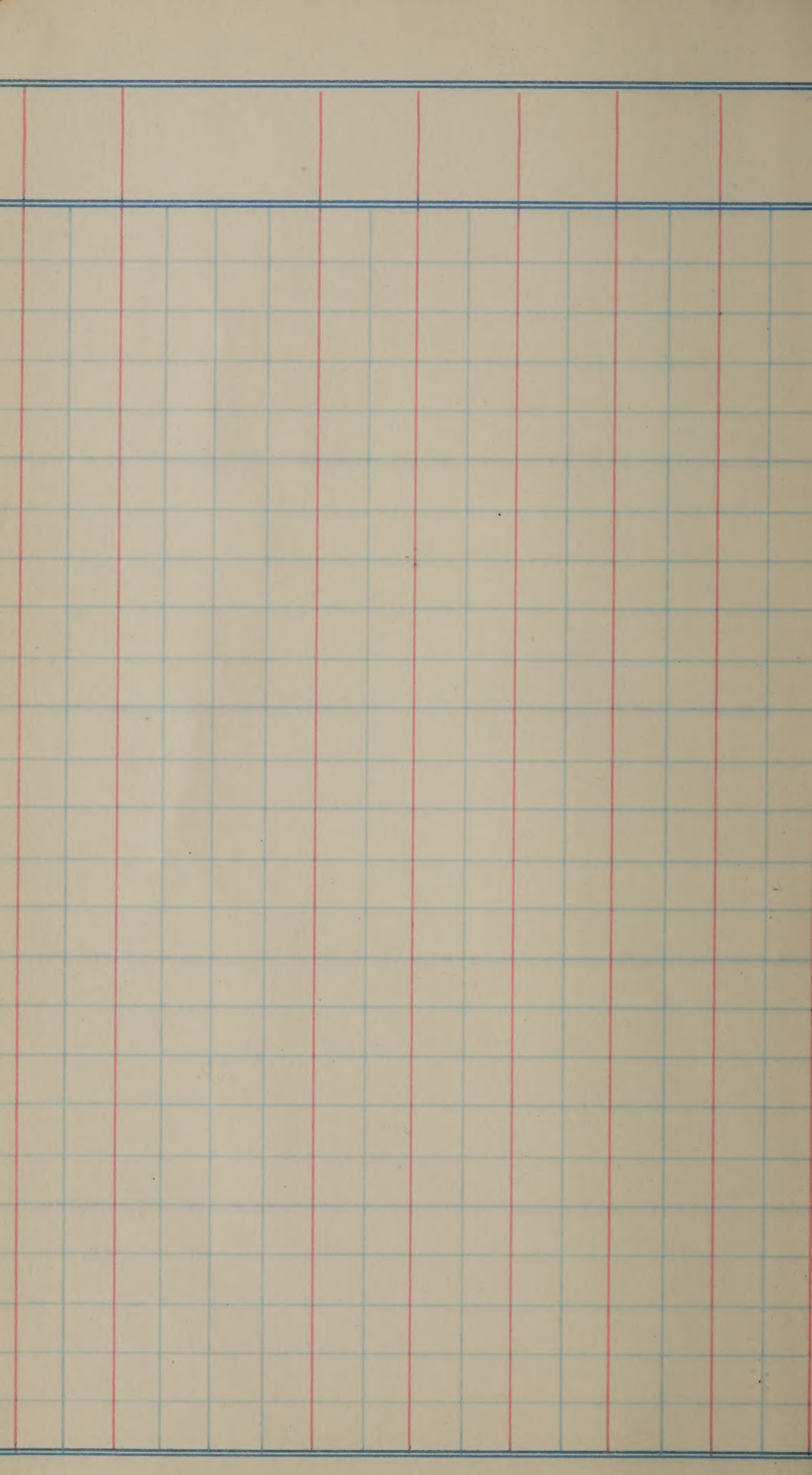
The following suggestions are made in regard to recording data:

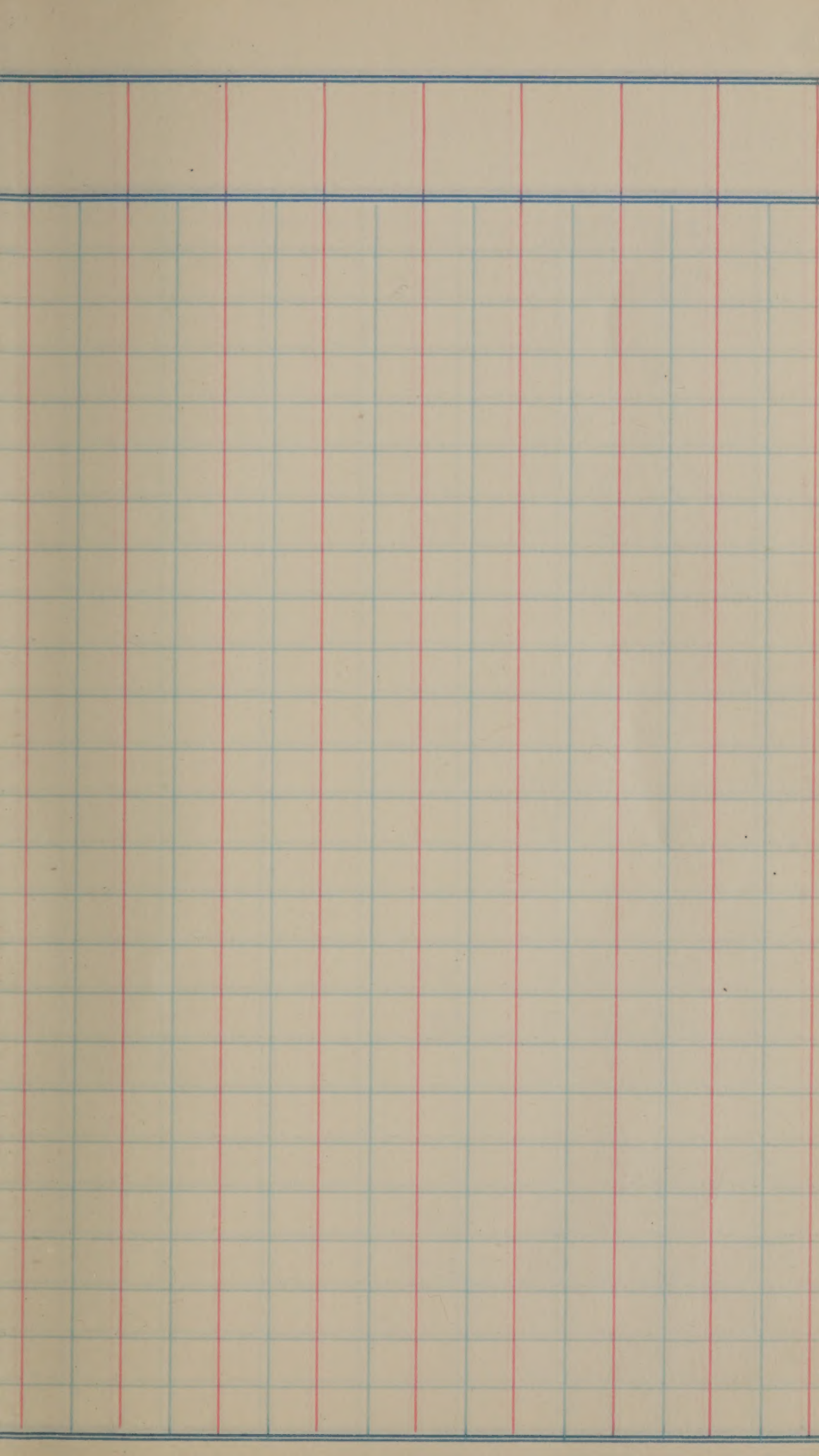
1. Record all dates as figures, giving the month and day of month, as 5/16 (May 16).
2. Record all field weights in pounds and decimal fractions of pounds. The requisite accuracy depends somewhat on the size of sample, but for ordinary size plots 0.1 pound is usually satisfactory. It is suggested that small samples be weighed more accurately (0.01 pound).
3. Estimations, such as seeding vigor, shedding, color, etc., may be recorded either numerically or with letter designations, as is found convenient; for example (seeding vigor), 1=Excellent, 2=Good, 3=Medium, 4=Fair, and 5=Poor; or E=Excellent, G=Good, M=Medium, F=Fair, and P=Poor. An explanation of legends should be recorded for each variable and experiment.
4. Diseases and insect pests.
 (a) GENERAL.—Attack by diseases or insect pests should be recorded by suitable legends to indicate type of disease or pest, percent of plants killed or affected, and in serious attacks, estimating crop loss. For example, FW *5/35-7. (Footnote* Fusarium wilt 5 percent plants killed, 35 percent affected, 7 percent loss estimated).
- (b) SPECIAL.—Where the book is used for taking notes on regional field tests on disease resistance, treatments, etc., it is suggested that directions which are furnished for taking uniform data be pasted, or copied, in the front of the book.
5. Diagram, to scale, the block on which each experiment is conducted, showing visible soil differences, variable plant response attributable to soil differences, drainage, or unequal irrigation, slope of land or contours, and any other features which may materially assist in interpreting the results. The square ruled paper in the front of the book may be found useful for this purpose.
6. Explain clearly all legends used.
7. Identify all experiments as to location on blocks and YEAR.

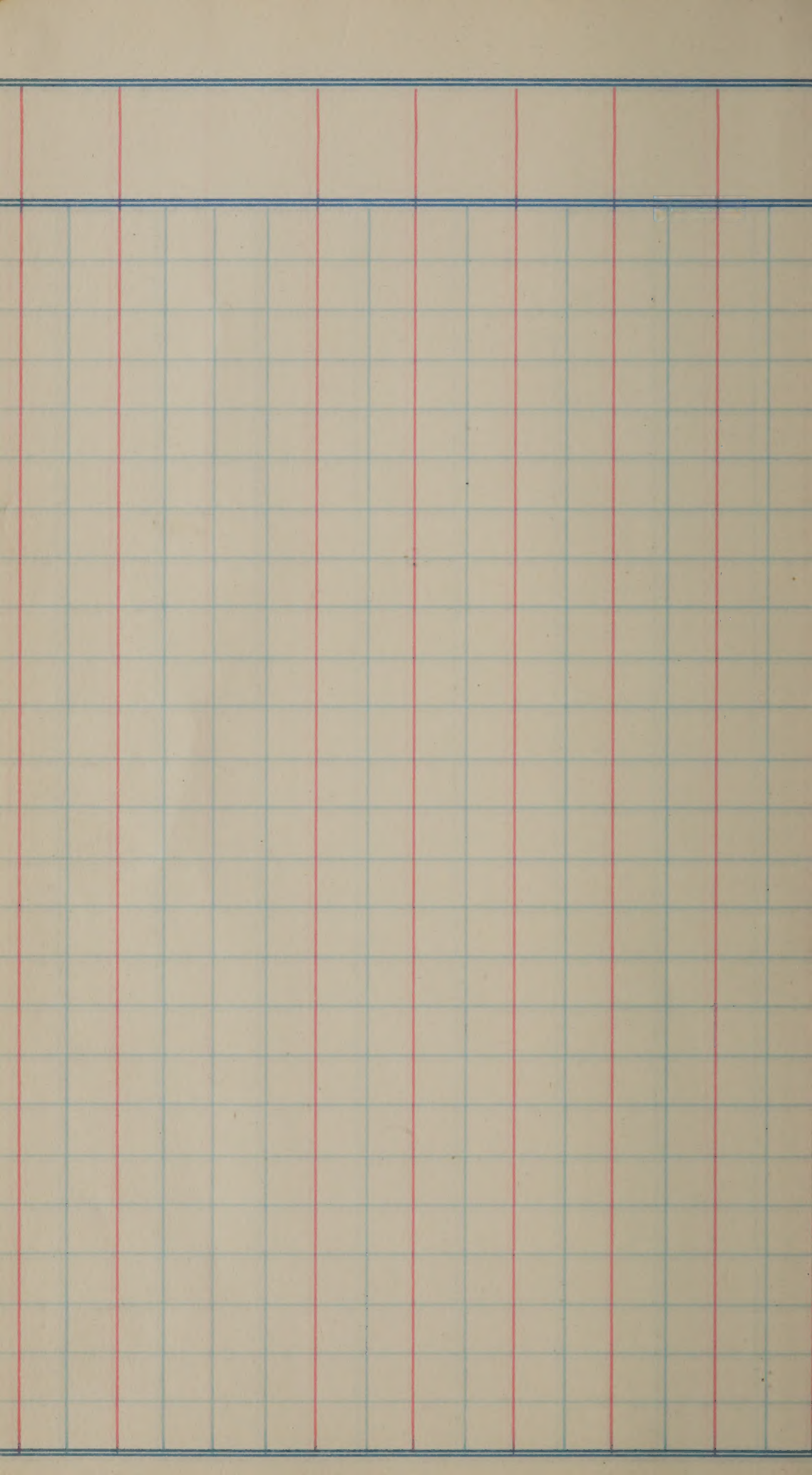
For types of experiments for which this book does not provide ample page space, larger sheets should be utilized. In taking data, which are to be reported in this book, or on larger sheets especially provided, the field or laboratory determination should be written directly at the time of weighing or otherwise determining, and submitted to Washington, or filed as the permanent record. Avoid all possible transcribing or typing of raw data.

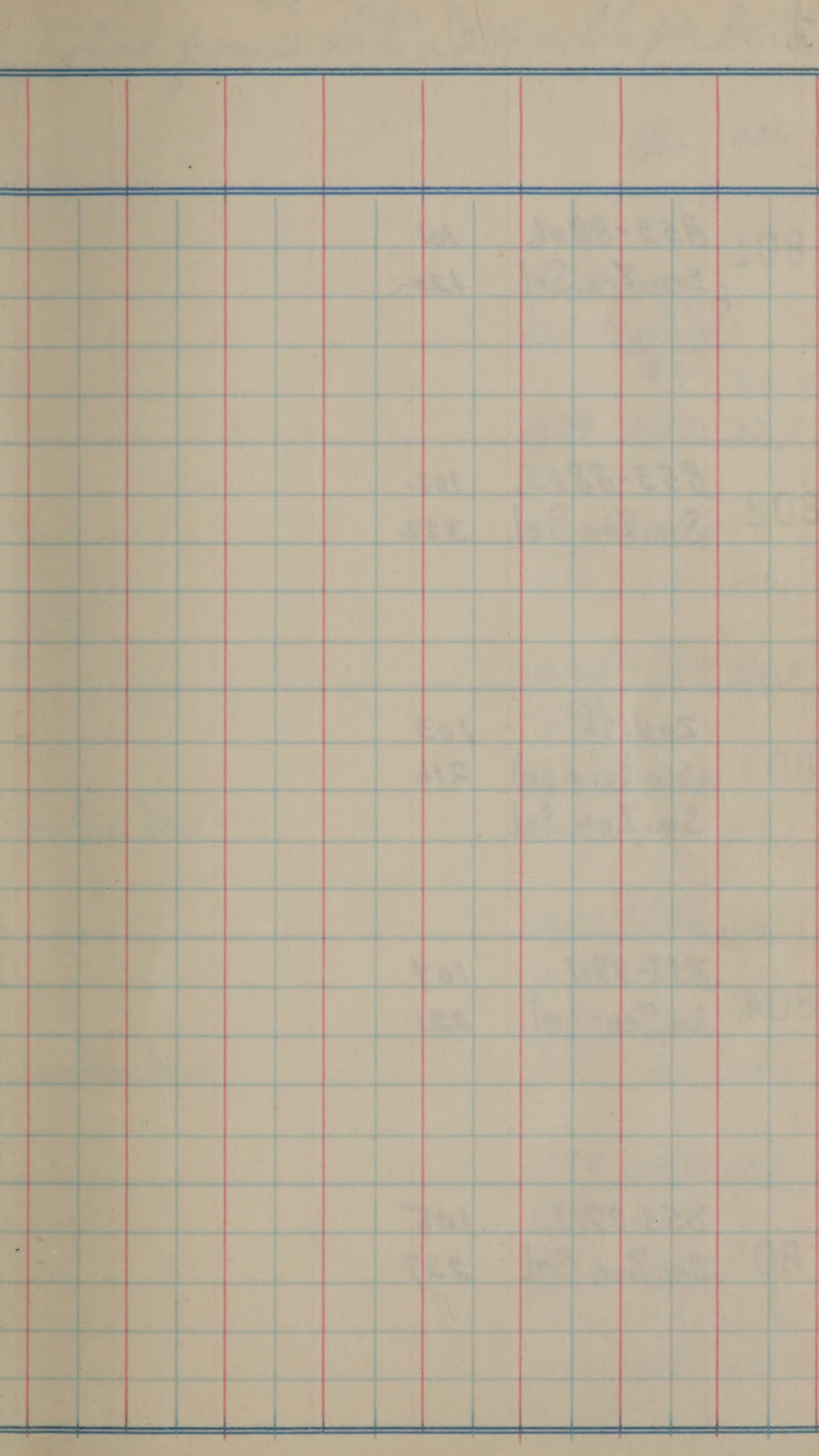












801 B53-8801, 101
Sm. Zen. Sel. 120

802 B53-8803, 102
Sm. Zen. Sel. 322

803 Zenith 103
(Winterman) 216
Sm. Zen. Sel.

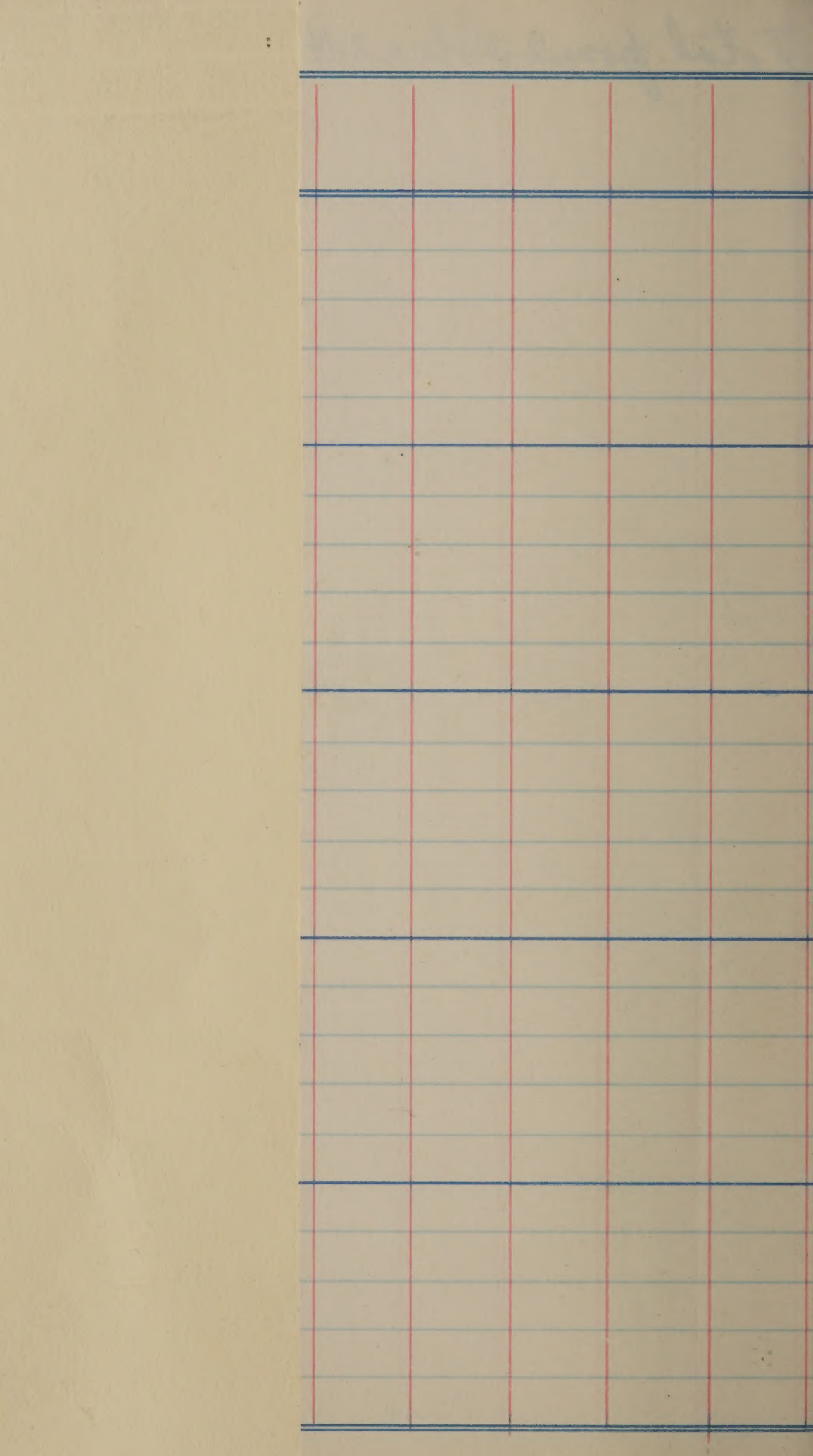
wk straw

804 B53-8811, 104
Sm. Zen. Sel. 221

wk straw

805 B53-8813, 105
Sm. Zen. Sel. 227

Total from 2 plots $\times 2.14$



= lbs per Acre ⁴

lbs Pbls.

909
779 ~~3612~~
 1688 2412.3
 162 22.3

1688 3612 22.3 ✓

850
824 3582.36
 1674 162 22.1

1674 3582 22.1 ✓

891
635 3265.64
 1526 162 20.1

1526 3266 20.1 ✓

655
733 2970.32
 1388 162 18.3

1388 2970 18.3 ✓

838
1053 4046.74
 1891 162 24.9

1891 4047 25.0 ✓

806

B53-8821, 106
Sm. Zen. Sel. 422

807

B53-8825 107
Sm. Zen. Sel. 320

808

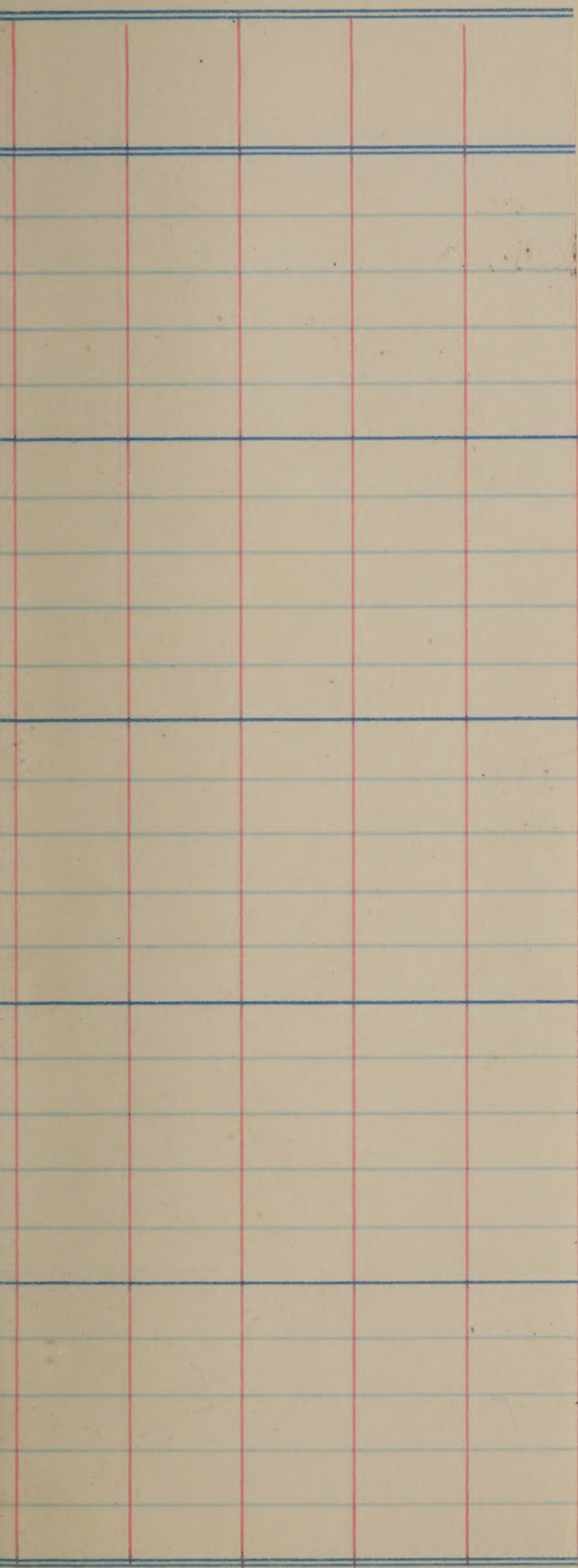
B53-8970 108
Sm. Zen. Sel. 425

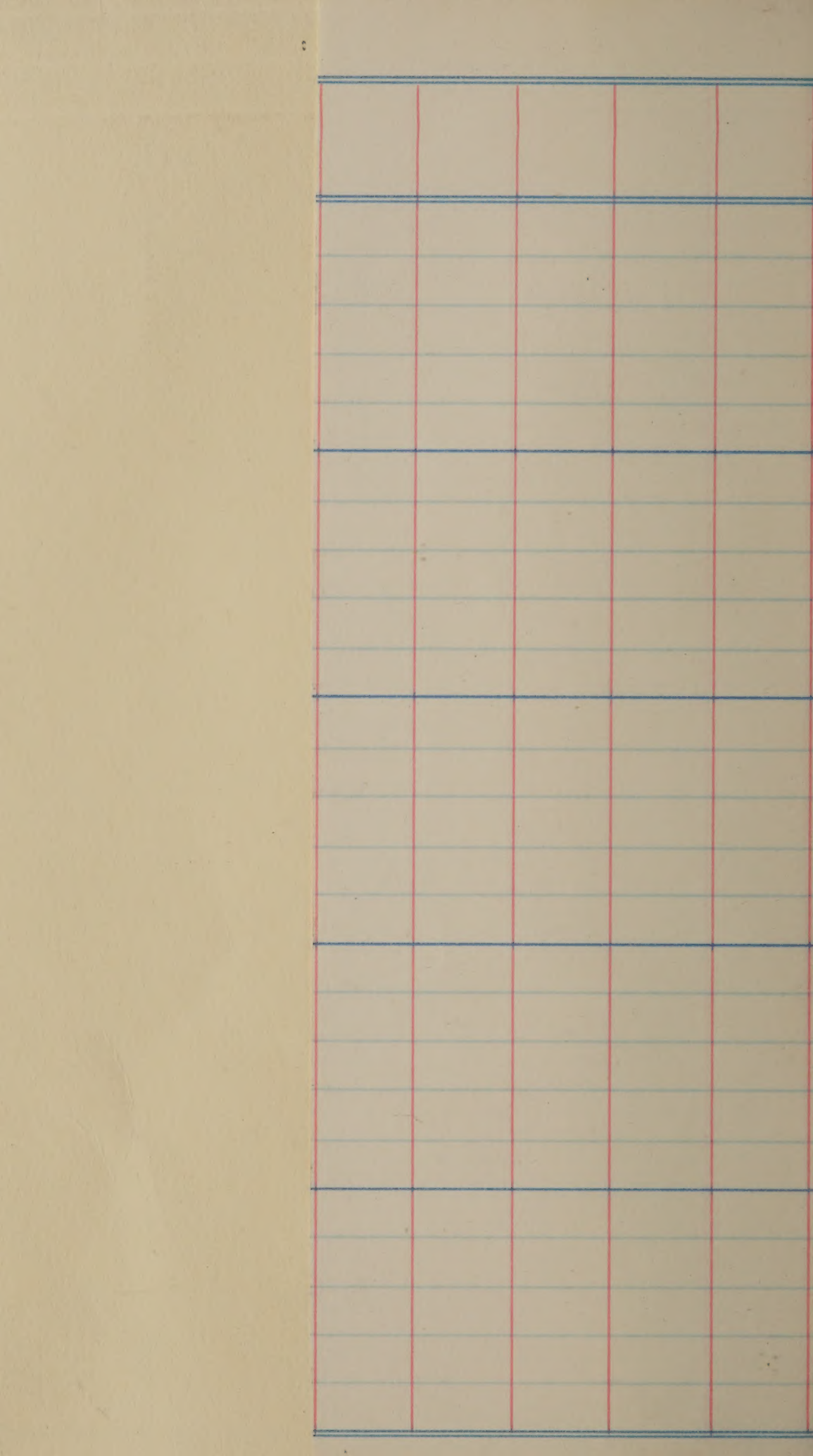
809

B53-8835 109
Sm. Zen. Sel. 417

810

B53-8837 110
Sm. Zen. Sel. 423





869

635 3218.56

1504 16v 19.9

1504 3219 19.9 ✓

808

756 3346.96

1564 16v 20.7

1564 3347 20.7 ✓

743

734 3160.78

1477 16v 19.5

1477 3161 19.5 ✓

826

512 2863.32

1338 16v 17.7

1338 2863 17.7 ✓

795

638 3066.62

1433 16v 18.9

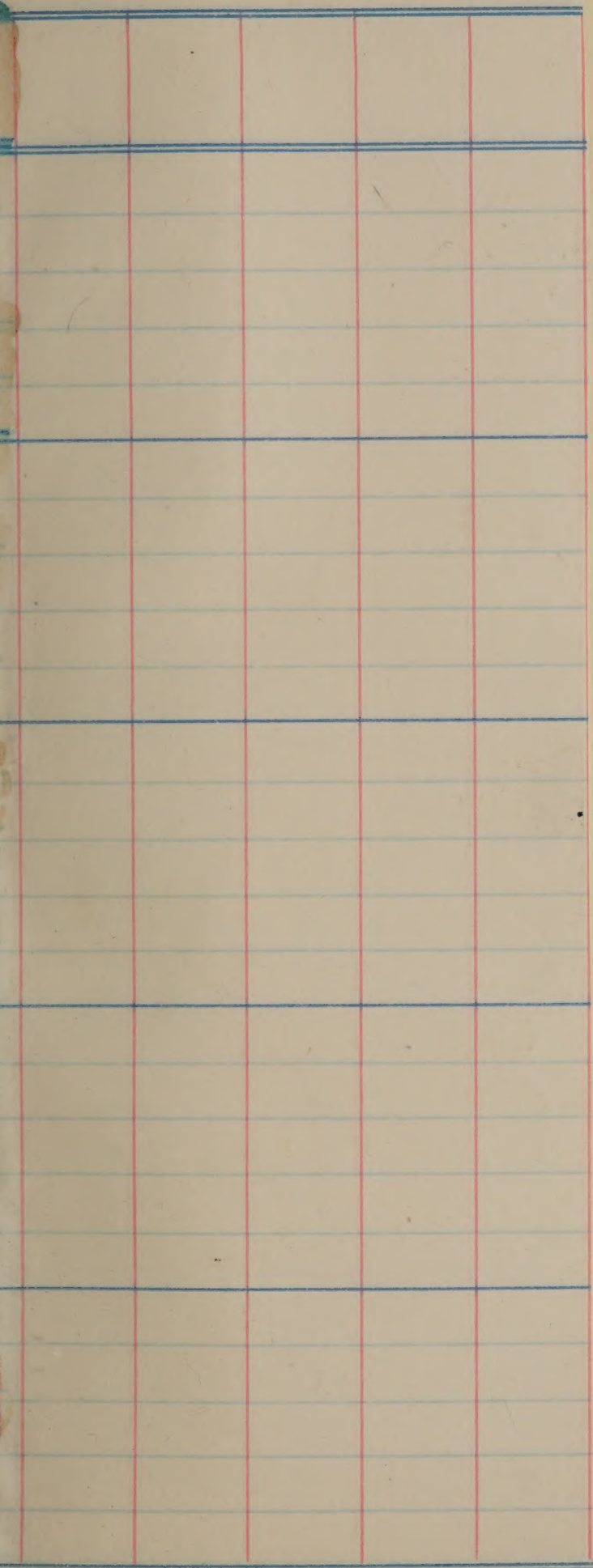
1433 3067 18.9 ✓

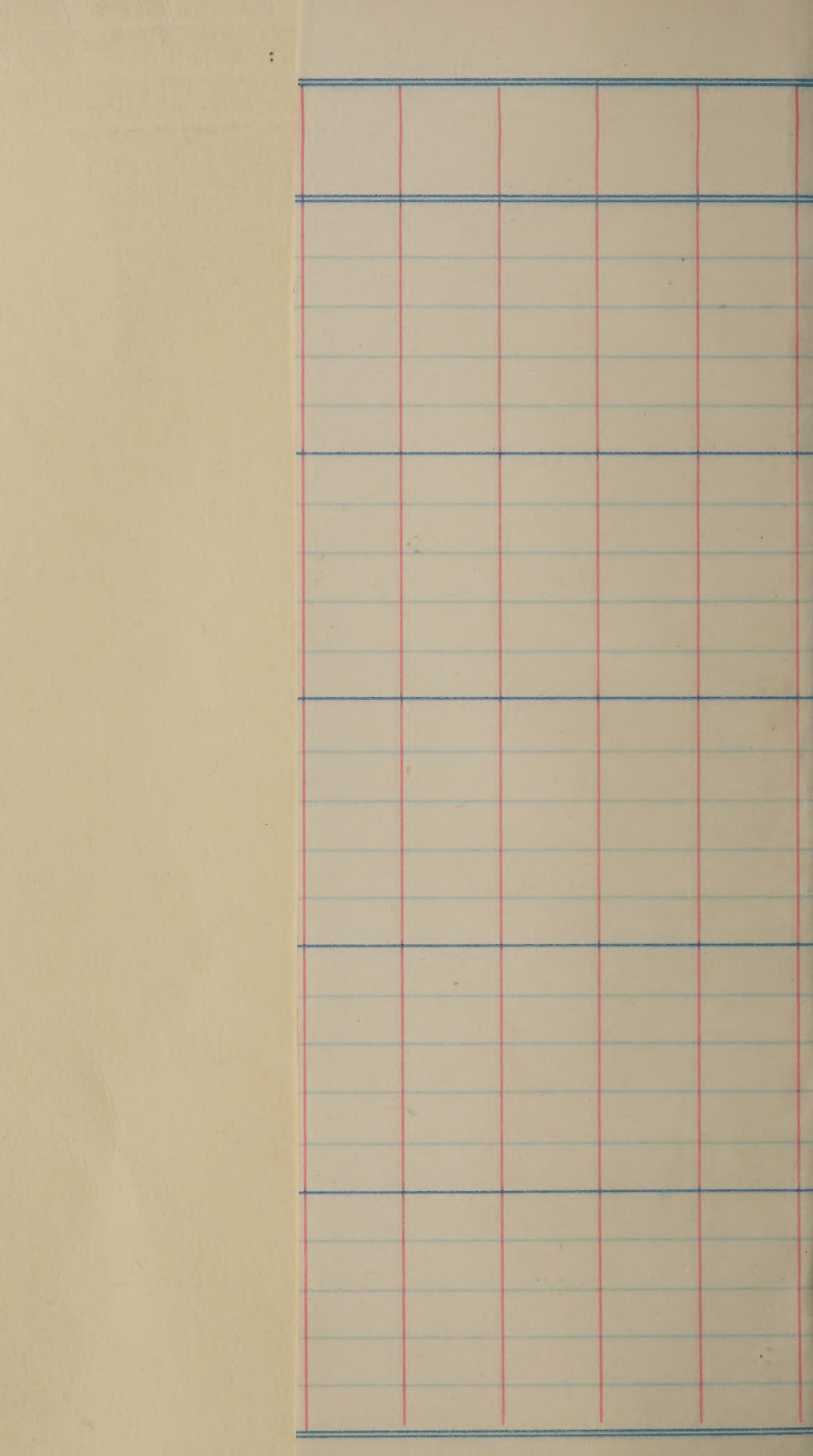
811 B53-8841 111
Sm. Zen. Sel. 317

812 B53-8846 112
224

813 R-Pr Lfx Mag 113
~~Sm. Zen. Sel.~~ 215

814 B53-8852 114
Sm. Zen. Sel. 324





921

794

3670.10

1715

16v

22.6

1715 3670 22.7 ✓

981

746

3695.78

1727

162

22.8

1727 3696 22.8 ✓

918

936

3967.56

1854

162

24.4

1854 3968 24.4 ✓

937

647

3389.76

1584

162

20.9

1584 3390 20.9 ✓

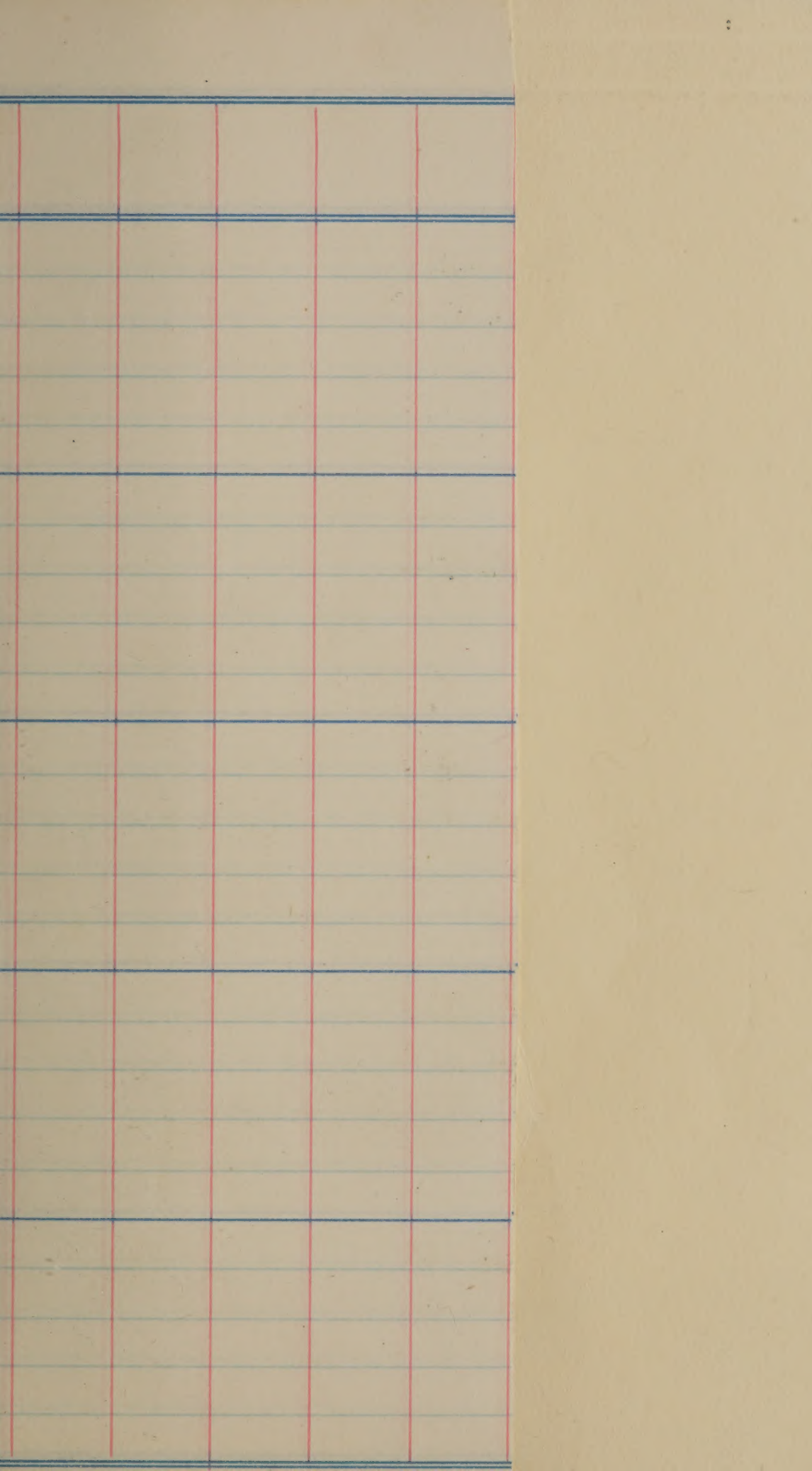
815 B53-8854 201
Sm. Zen. Sel. 115

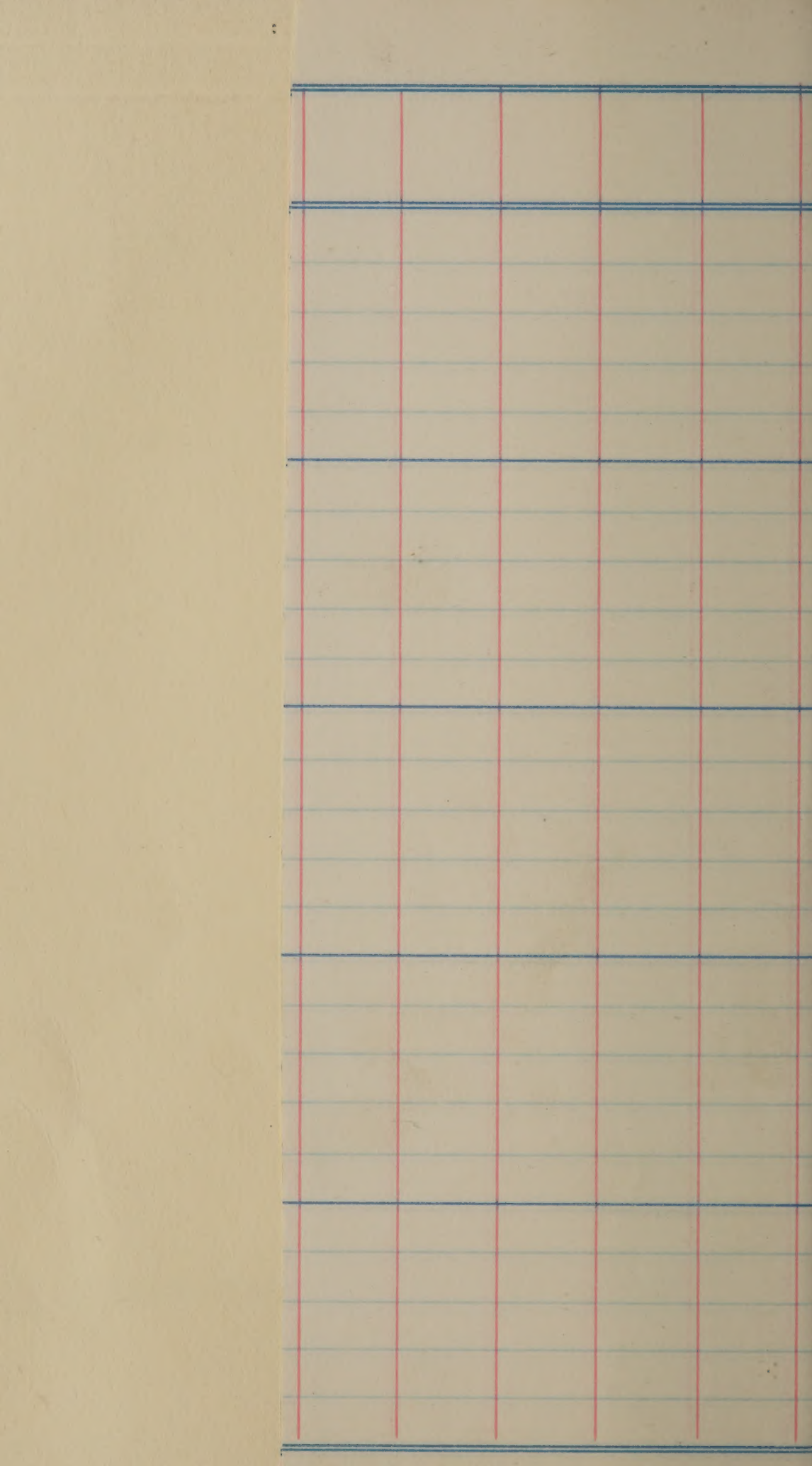
816 B53-8860 202
Sm. Zen. Sel. 419

817 B53-8864 203
Sm. Zen. Sel. 424

818 B53-8866 204
Sm. Zen. Sel. 319

819 R-Pr L.F. Mag 205
~~Sm. Zen. Sel.~~ 124





811

723 3282.76

1534 162 20.2

1534 3283 20.3 ✓

604

610 2597.96

1214 162 16.0

1214 2598 16.0 ✓

734

673 3010.98

1407 162 18.6

1407 3011 18.6 ✓

781

585 2923.24

1366 162 18.0

1366 2923 18.0 ✓

914

1050 4202.96

1964 162 25.9

1964 4203 25.9 ✓

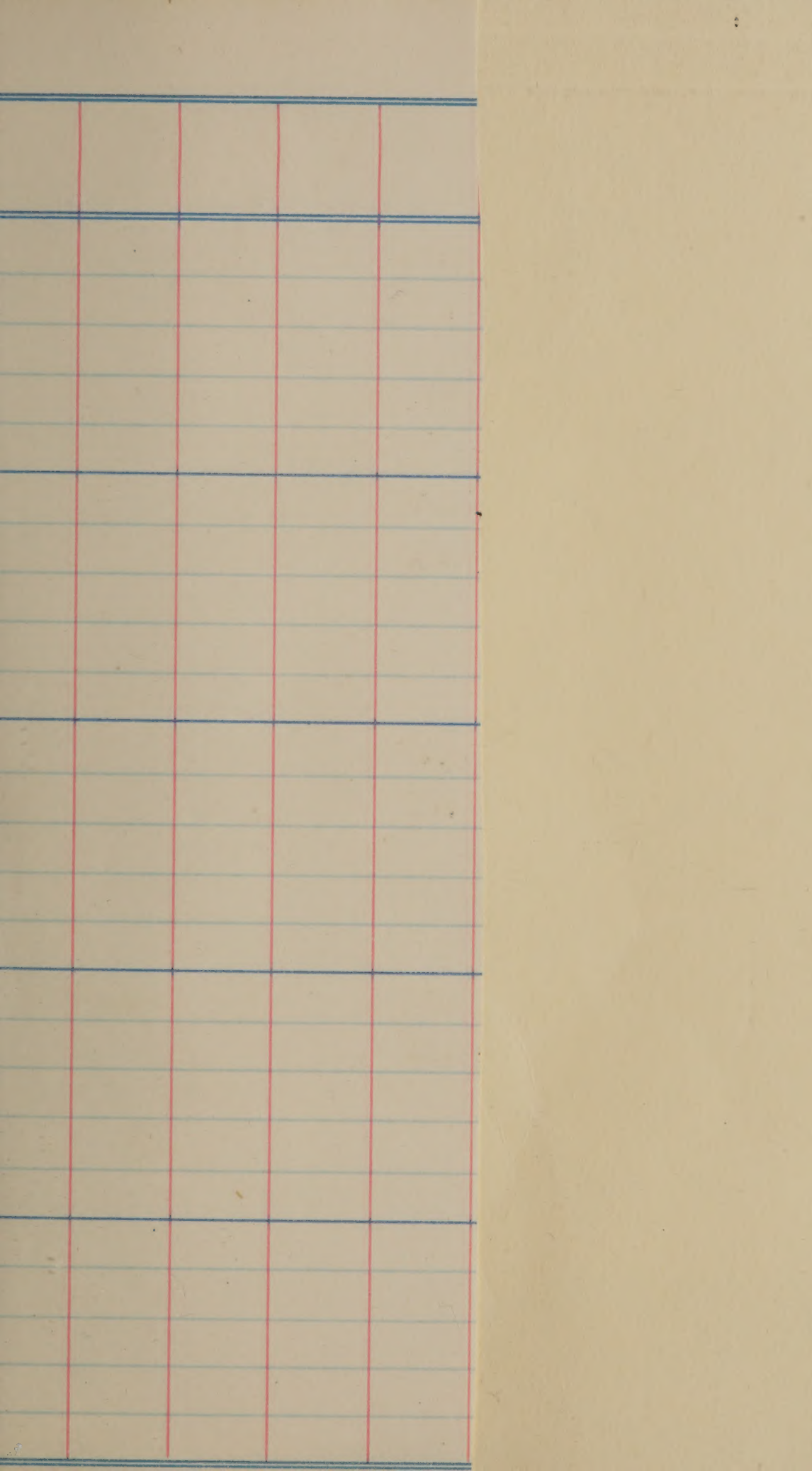
820 B53-8876 206
Sm. Zen. Sel. 428

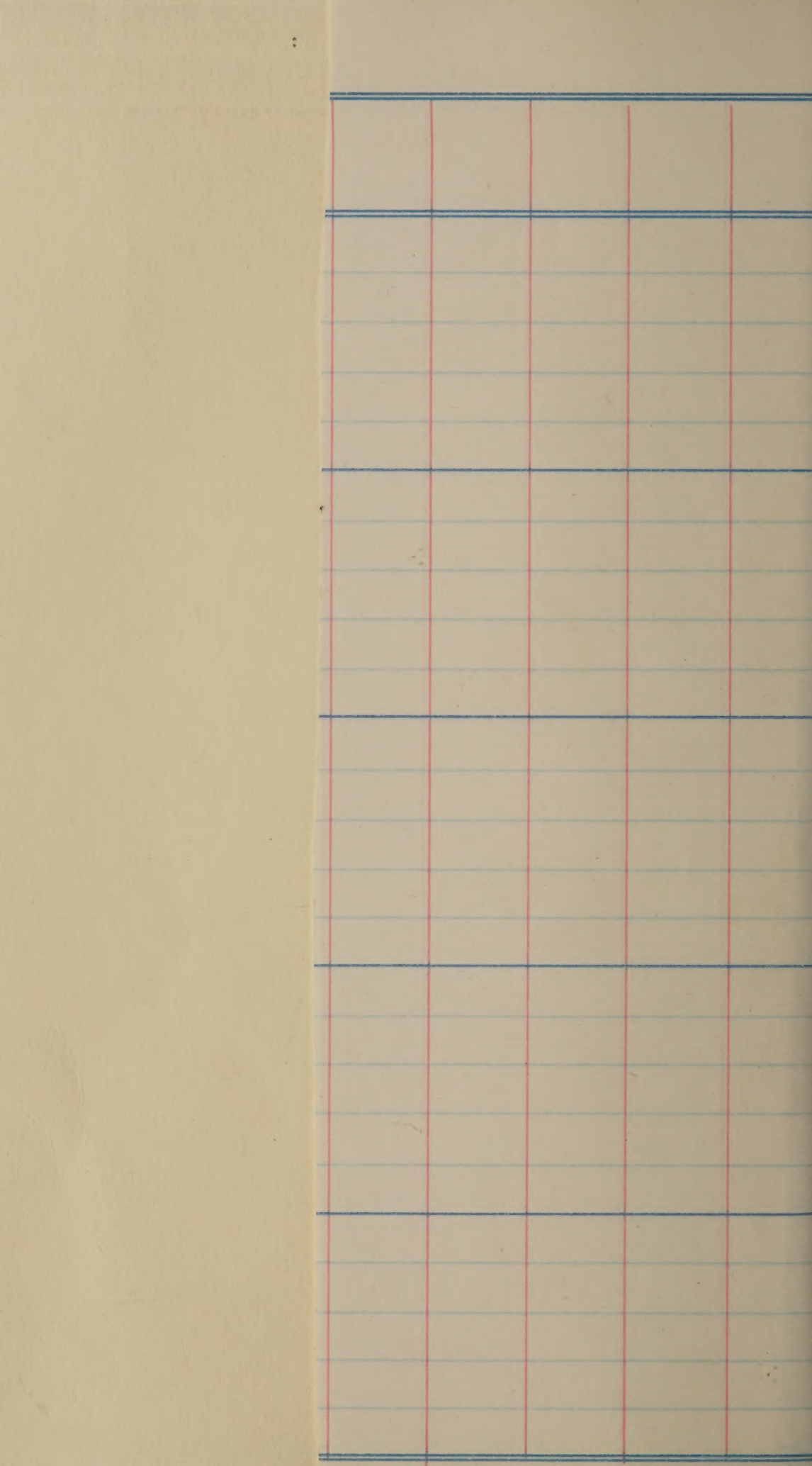
821 Zenith 207
~~Sm. Zen. Sel.~~ 122

822 B53-8880 208
Sm. Zen. Sel. 117

823 B53-8886 209
Sm. Zen. Sel. 126

824 B53-8888 210
Sm. Zen. Sel. 218





870

900 3787.80

1770 162 23.4

1770 3788 23.4 ✓

903

830 3708.62

1733 162 22.9

1733 3709 22.9 ✓

740

611 2891.14

1351 162 17.8

1351 2891 17.8 ✓

907

704 3447.54

1611 162 21.2

1611 3448 21.3 ✓

826

546 2936.08

1372 162 18.1

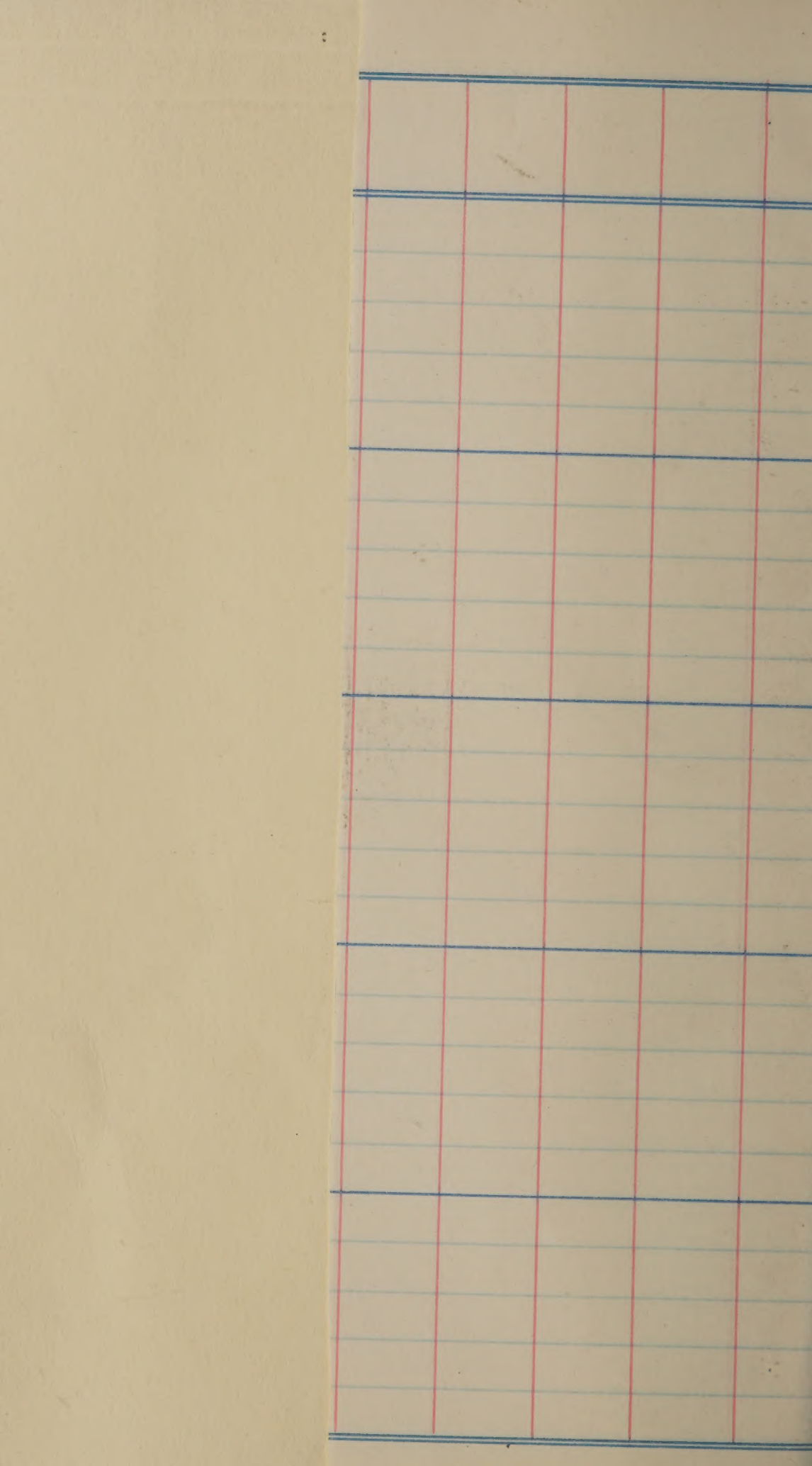
1372 2936 18.1 ✓

825 B53-8891 211
Sm. Zen. Sel. 225

826 B53-8893 212
Sm. Zen. Sel. 222

827 B53-8903 213
Sm. Zen. Sel. 228

828 B53-8907 214
Sm. Zen. Sel. 418



769

803 3364.08

1572 162 20.7

1572 3364 20.8 ✓

796

764 3338.40

1560 162 20.6

1560 3338 20.6 ✓

728

902 3488.20

1630 162 21.5

1630 3488 21.5 ✓

886

554 3081.60

1440 162 19.0

1440 3082 19.0 ✓

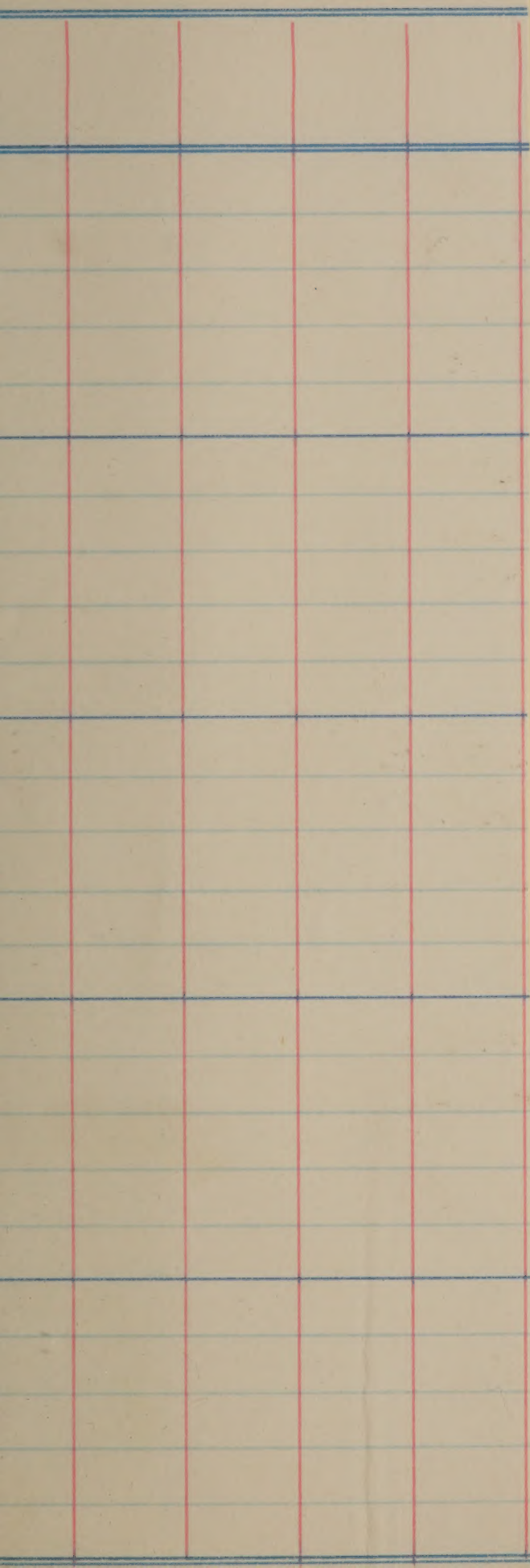
829 B53-8925 301
Sm. Zen. Sol. 328

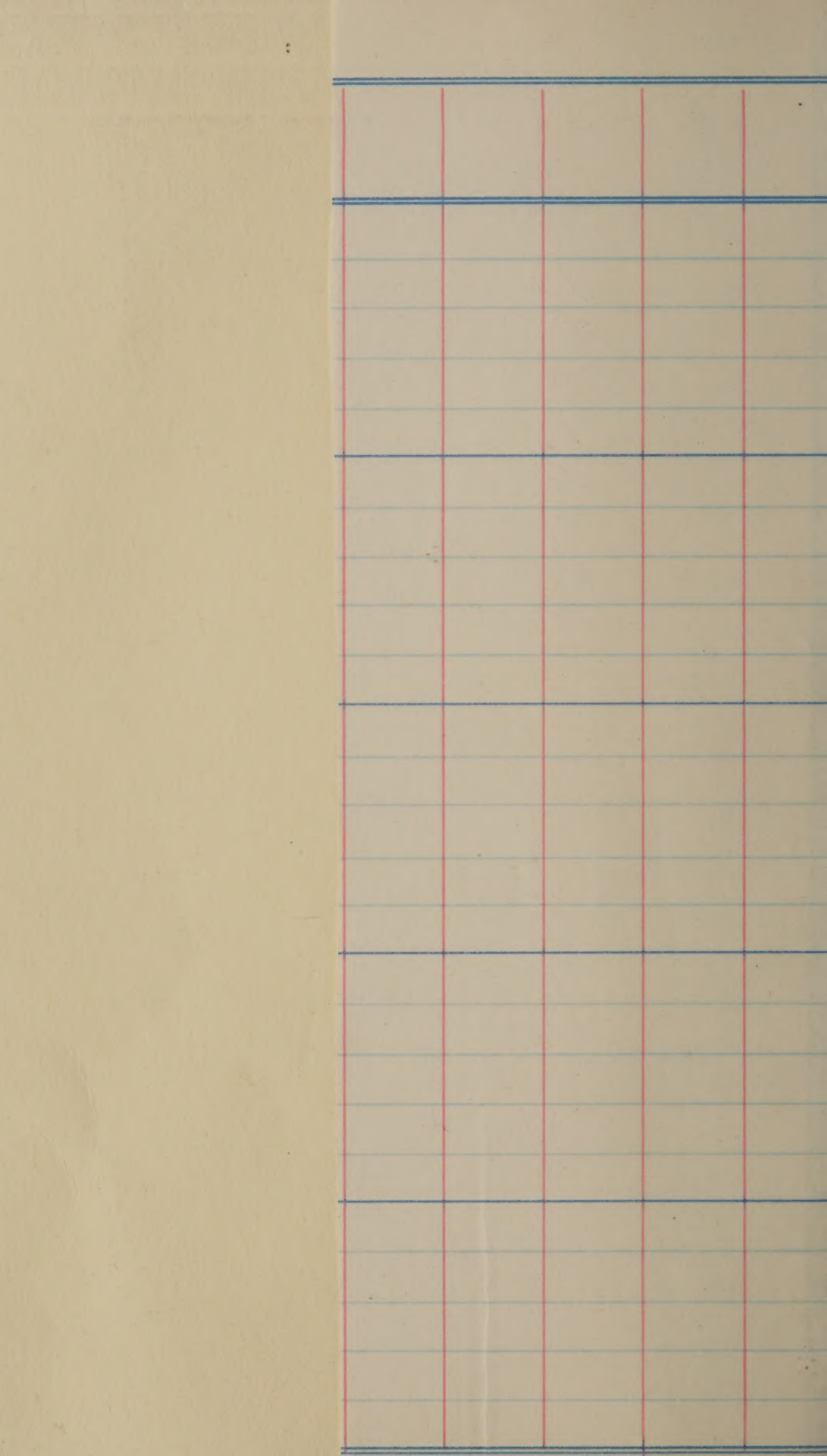
830 B53-8927 302
Sm. Zen. Sel. 121

831 B53-8931 303
Sm. Zen. Sel. 415

832 B53-8936 304
Sm. Zen. Sel. 326

833 B53-8940 305
Sm. Zen. Sel. 325





900

973 4008.22

1873 162 24.7

1873 4008 24.7

705

733 3077.32

1438 162 18.9

1438 3077 19.0

814

736 3317.00

1550 162 20.4

1550 3317 20.5

925

875 3852.00

1800 162 23.7

1800 3852 23.8

903

872 3798.50

1775 162 23.4

1775 3799 23.5

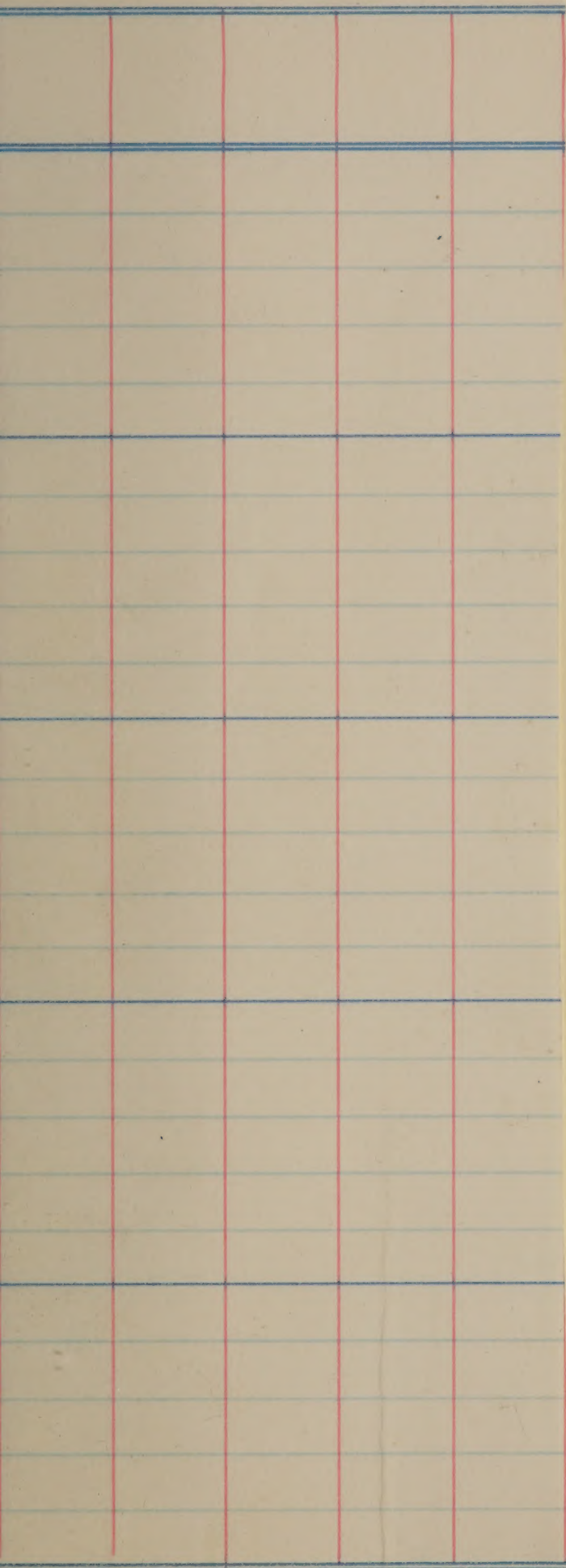
834 B53-8942 306
Sm. Zen. Sel. 217

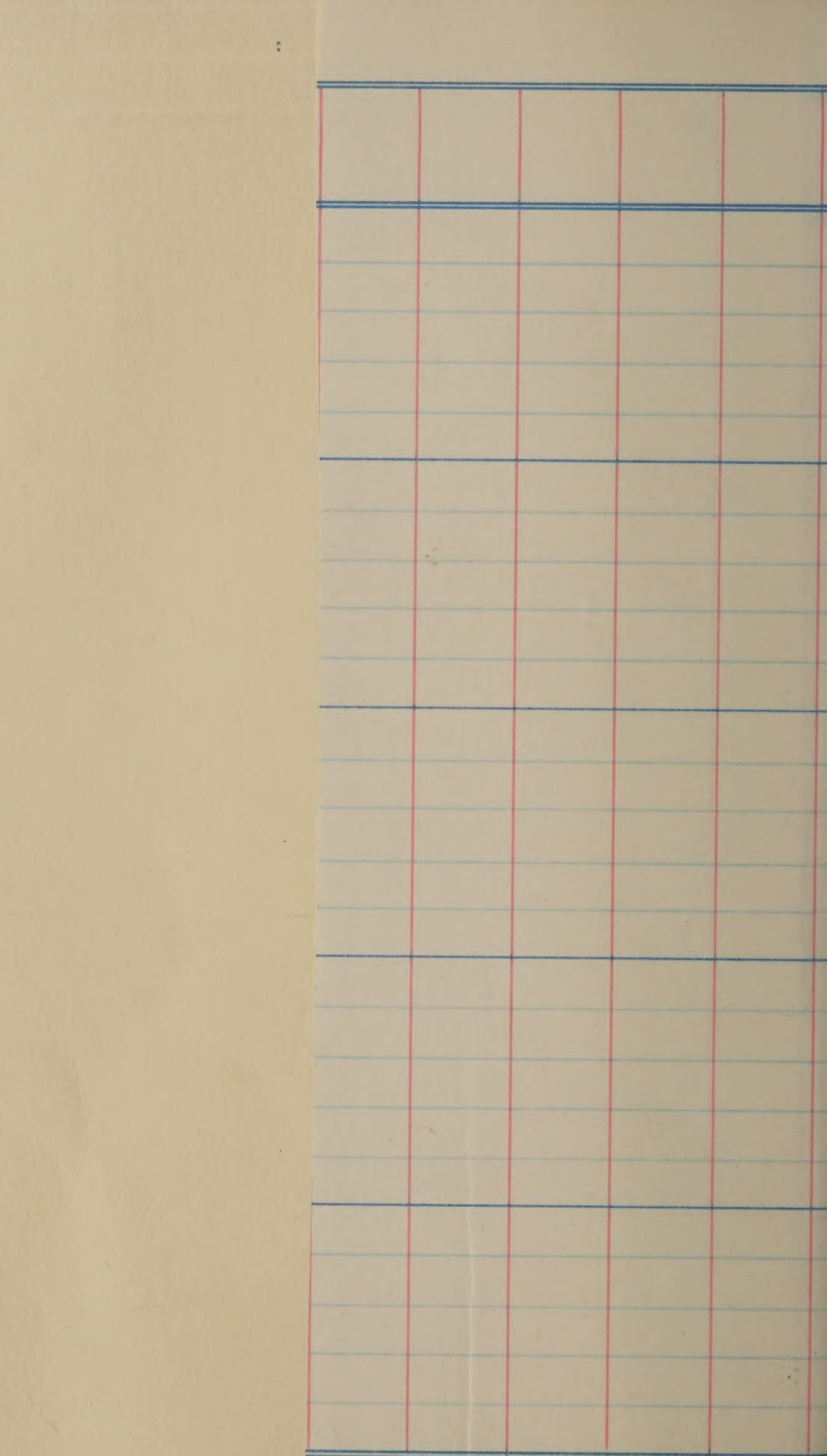
835 B53-8948 307
Sm. Zen. Sel. 119

836 Pr Lf x Mag 308
~~Sm. Zen. Sel.~~ 421

837 Zenith 309
~~Sm. Zen. Sel.~~ 315

838 B53-8952 310
Sm. Zen. Sel. 416





812

497 2801.26

1309 162 17.3

1309 2801 17.3 ✓

994

761 3755.70

1755 162 23.1

1755 3756 23.2 ✓

981

833 3881.96

1814 162 23.9

1814 3882 24.0 ✓

806

852 3548.12

1658 162 21.9

1658 3548 21.9 ✓

706

411 2390.38

1117 162 14.7

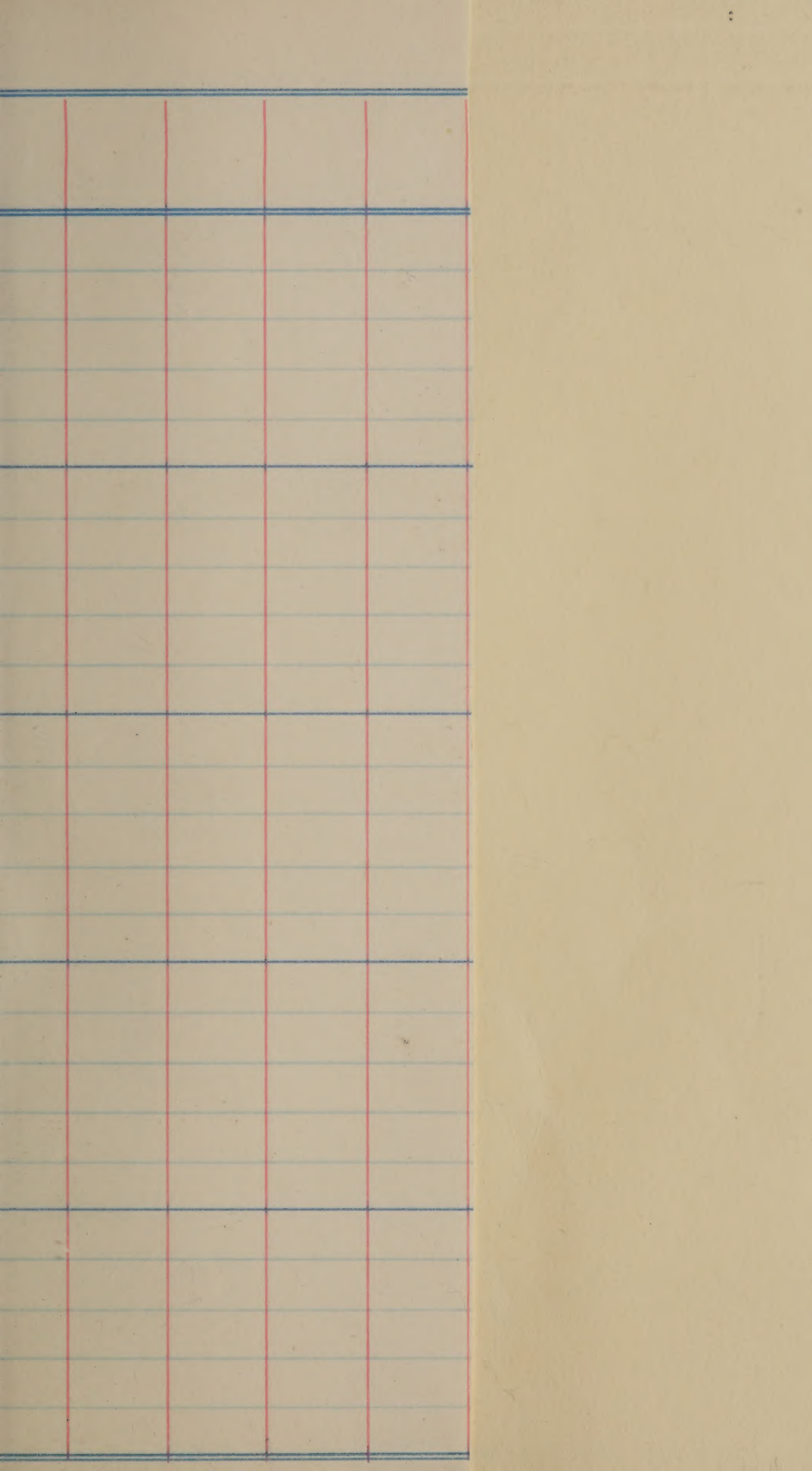
1117 2390 14.8 ✓

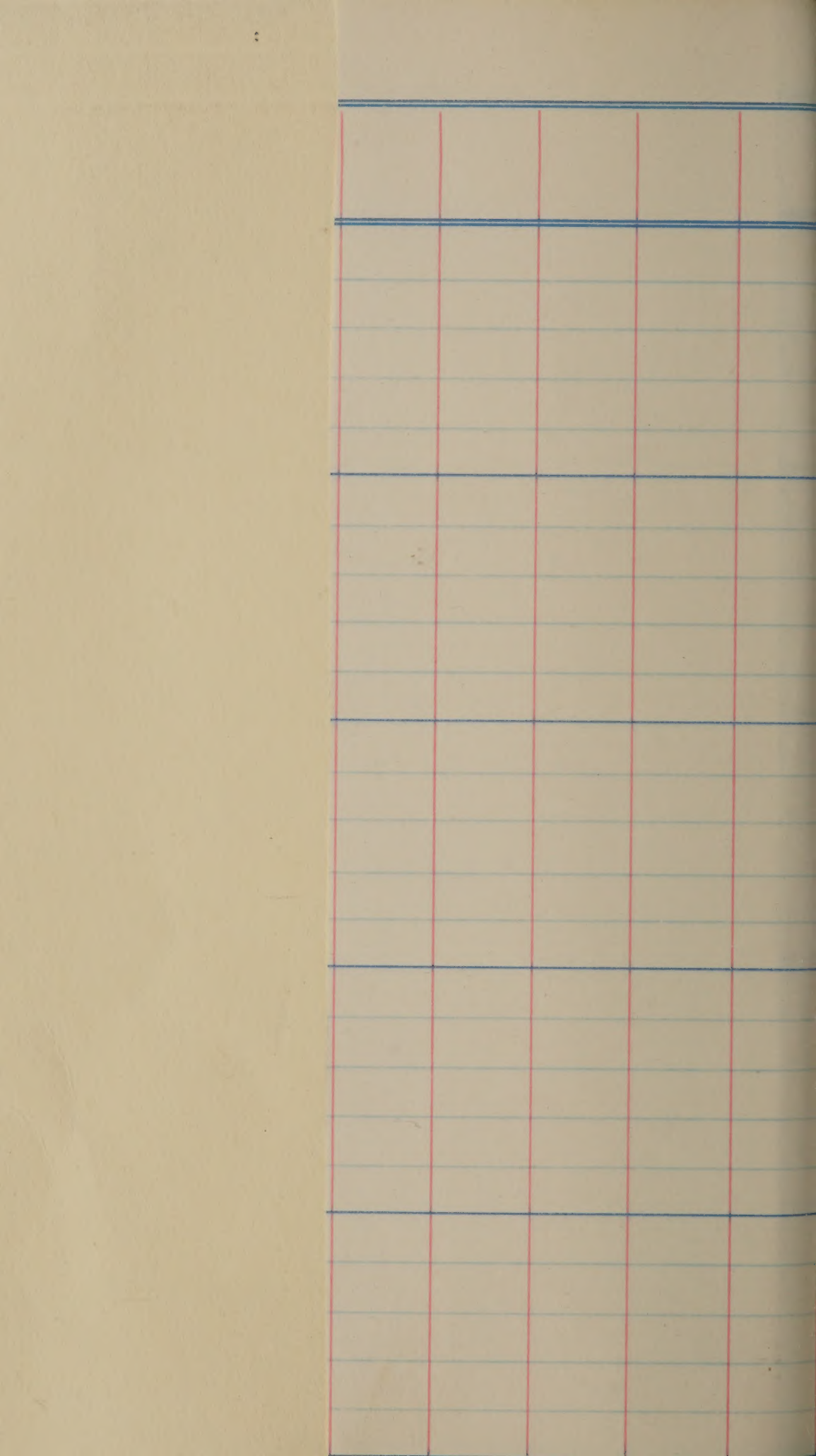
839 B53-8954 311
Sm. Zen. Sel. 128

840 B53-8956 312
Sm. Zen. Sel. 118

841 B53-8960 313
Sm. Zen. Sel. 323

842 B53-8962 314
Sm. Zen. Sel. 321





650

892 3299.88

1542 162 20.3

1542 3300 20.4 ✓

880

572 3107.28

1452 162 19.1

1452 3107 19.2 ✓

856

792 3526.72

1648 162 21.7

1648 3527 21.8 ✓

825

780 3434.70

1605 162 21.2

1605 3435 21.2 ✓

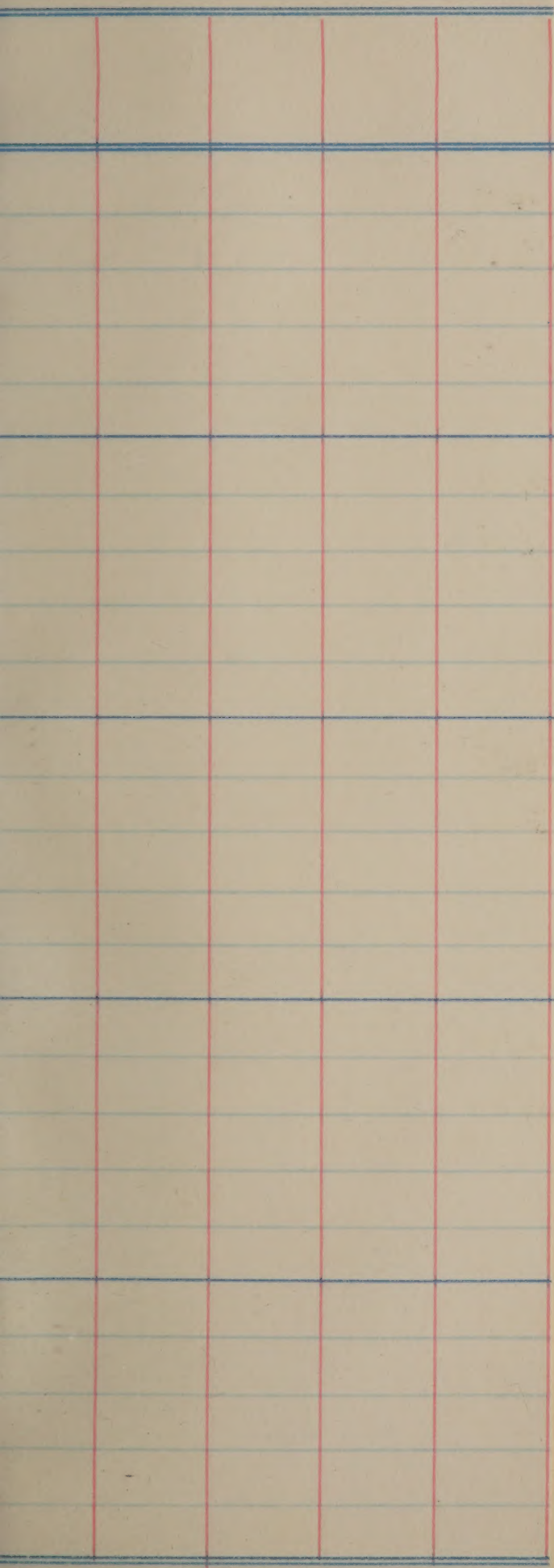
843 B53-8966 401
Sm. Zen. Sel. 219

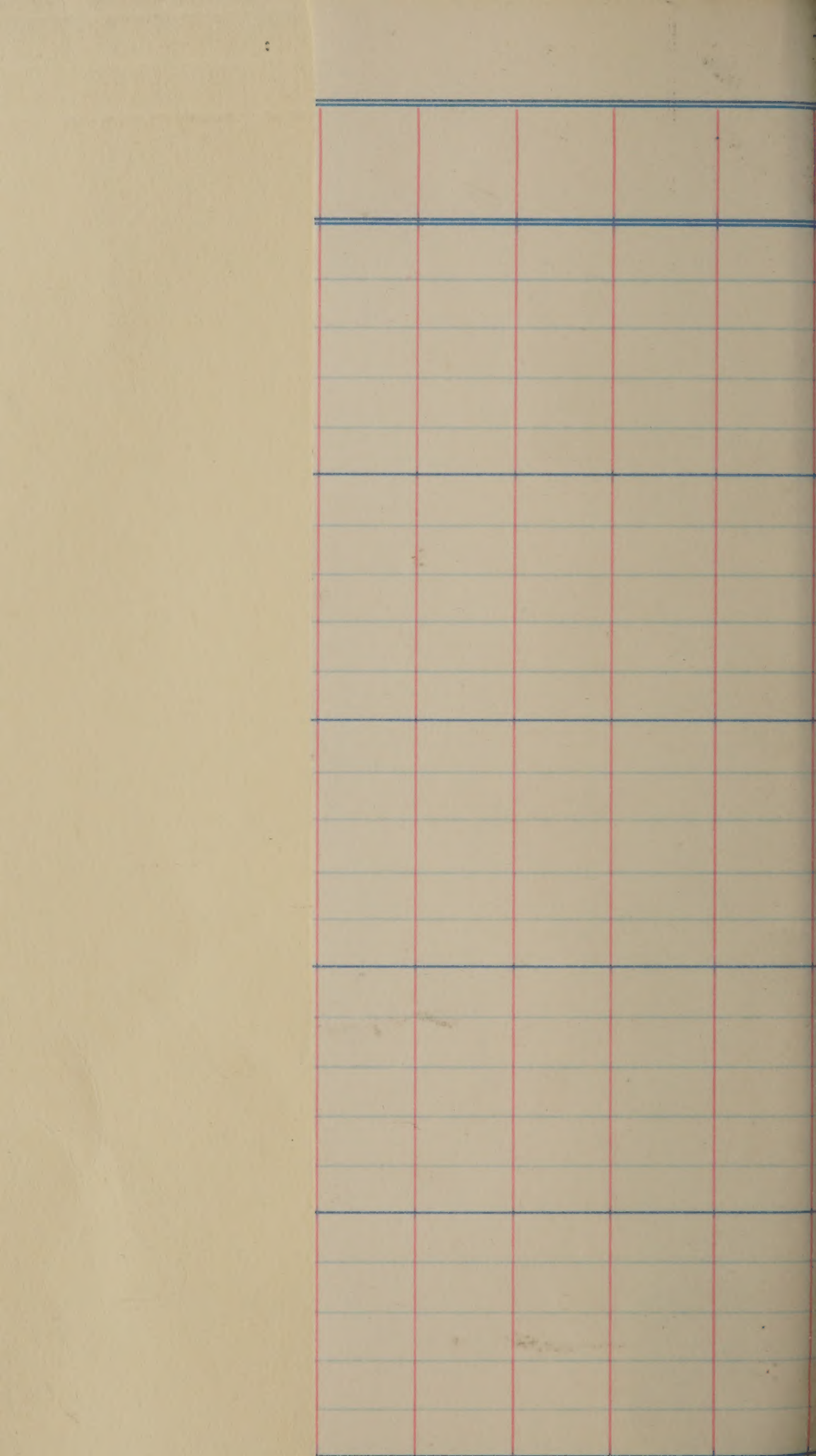
844 R-Pr Lfx Mag 402
~~Sm. Zen. Sel.~~ 318

845 B53-8974 403
Sm. Zen. Sel. 226

846 B53-8978 404
~~Sm. Zen. Sel.~~ 116

847 B53-8980 405
Sm. Zen. Sel. 316





868

631 3207.86

1499 162 19.8

1499 3208 198 ✓

933

838 3789.94

1771 162 23.3

1771 3790 234 ✓

838

946 3817.76

1784 162 23.5

1784 3818 23.6 ✓

872

563 3070.90

1435 162 18.9

1435 3071 19.0 ✓

794

739 3280.62

1533 162 20.2

1533 3281 20.3 ✓

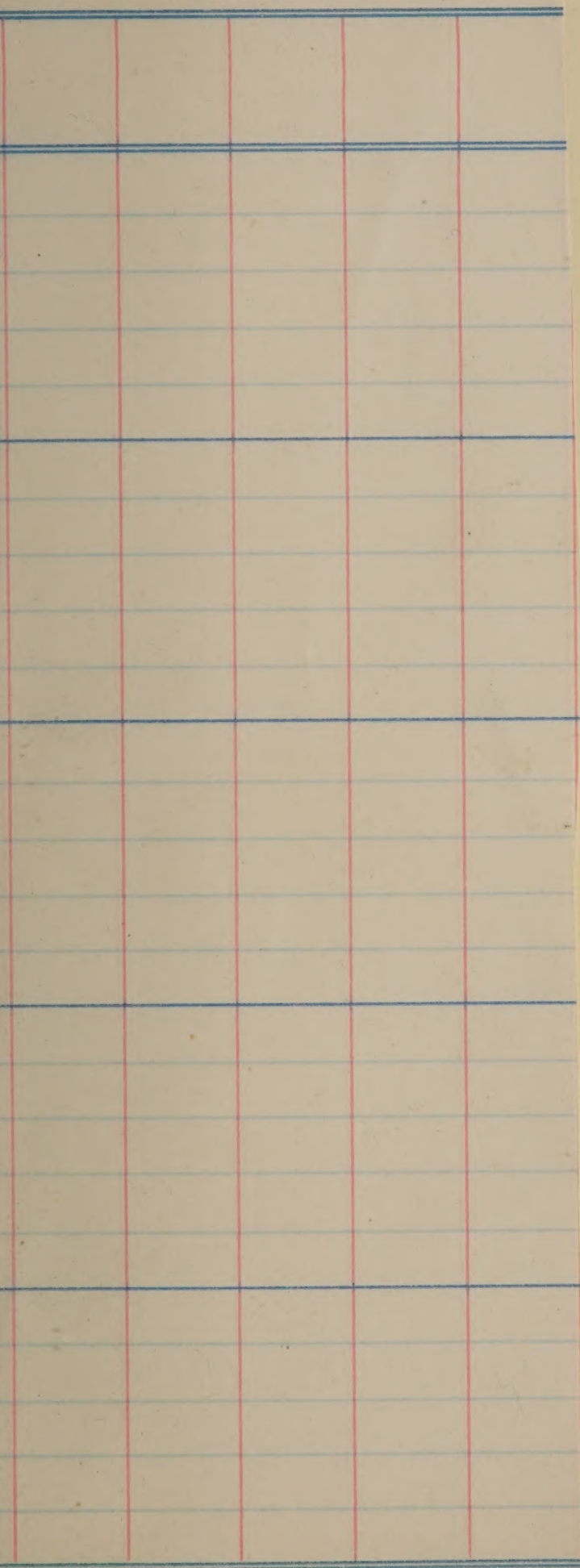
848 B53-8991 406
Sm. Zen. Sel. 127

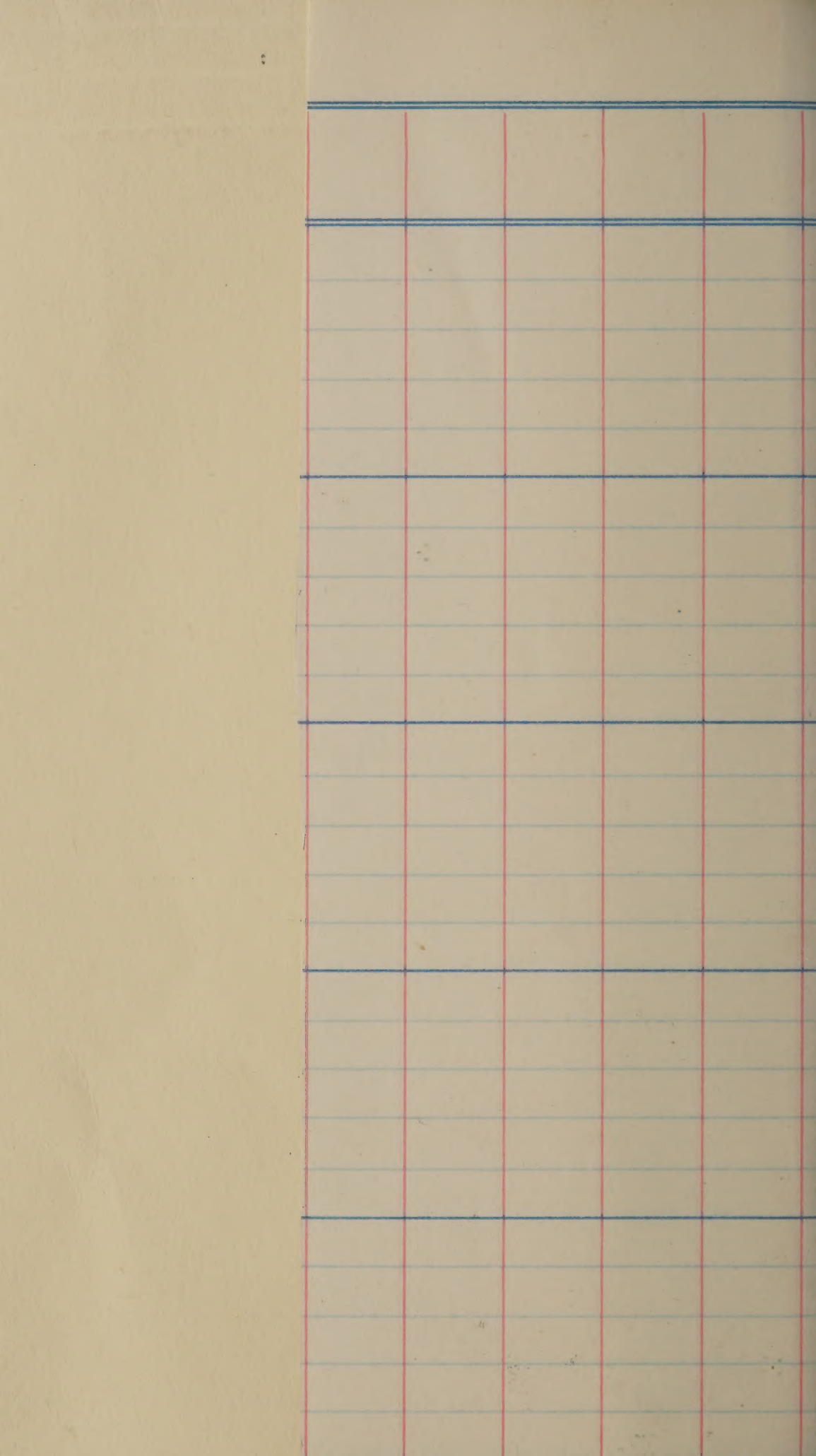
849 B53-8997 407
Sm. Zen. Sel. 327

850 B53-9001 408
Sm. Zen. Sel. 220

851 B53-9005 409
Sm. Zen. Sel. 123

852 B53-9007 410
Sm. Zen. Sel. 420





760

714 3154.36

1474 162 19.4

1474 3154 19.5

720

809 3272.06

1529 162 20.1

1529 3272 20.2

889

812 3640.14

1701 162 22.4

1701 3640 22.5

790

840 3488.20

1630 162 21.5

1630 3488 21.5

690

802 3192.88

1492 162 19.7

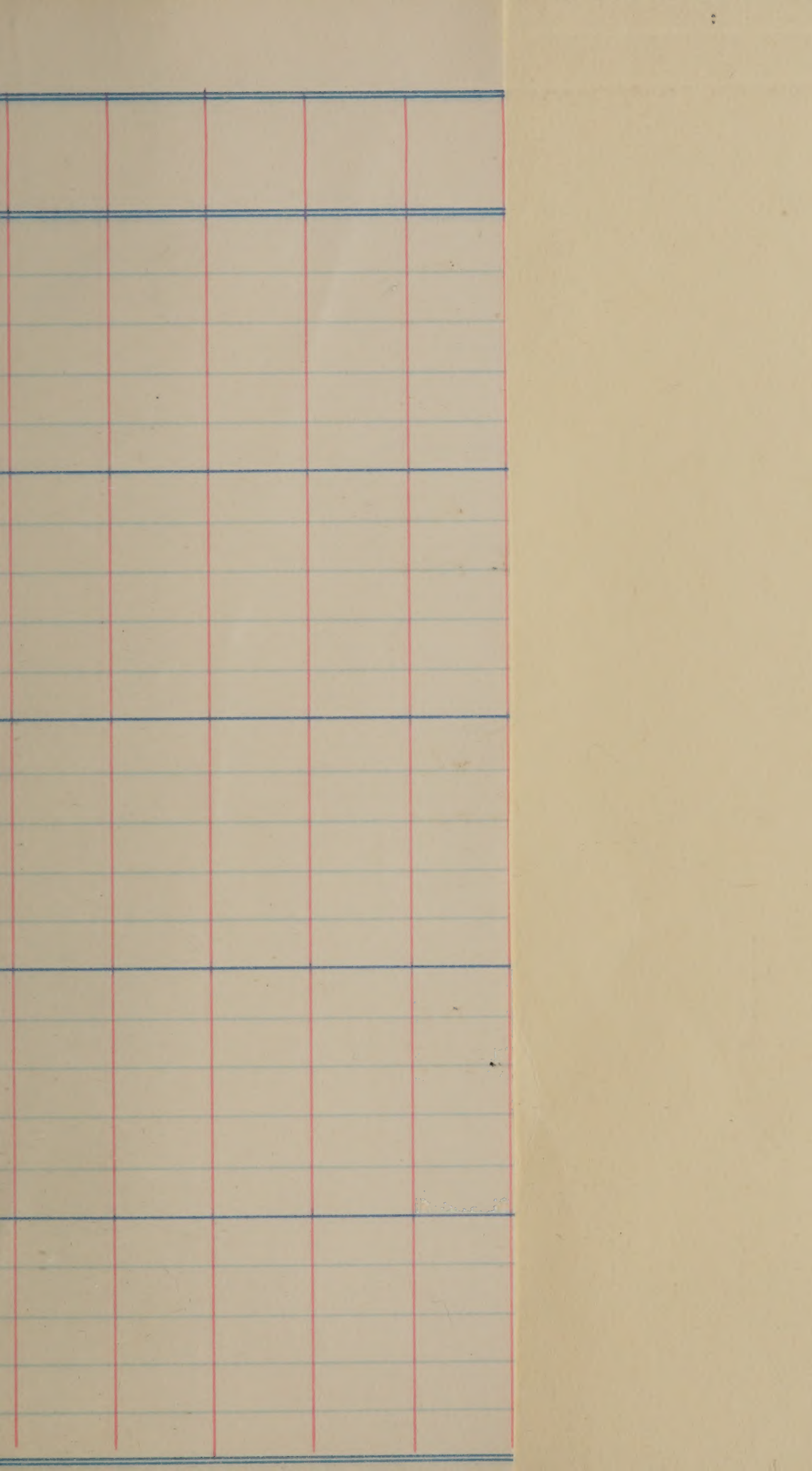
1492 3193 19.7

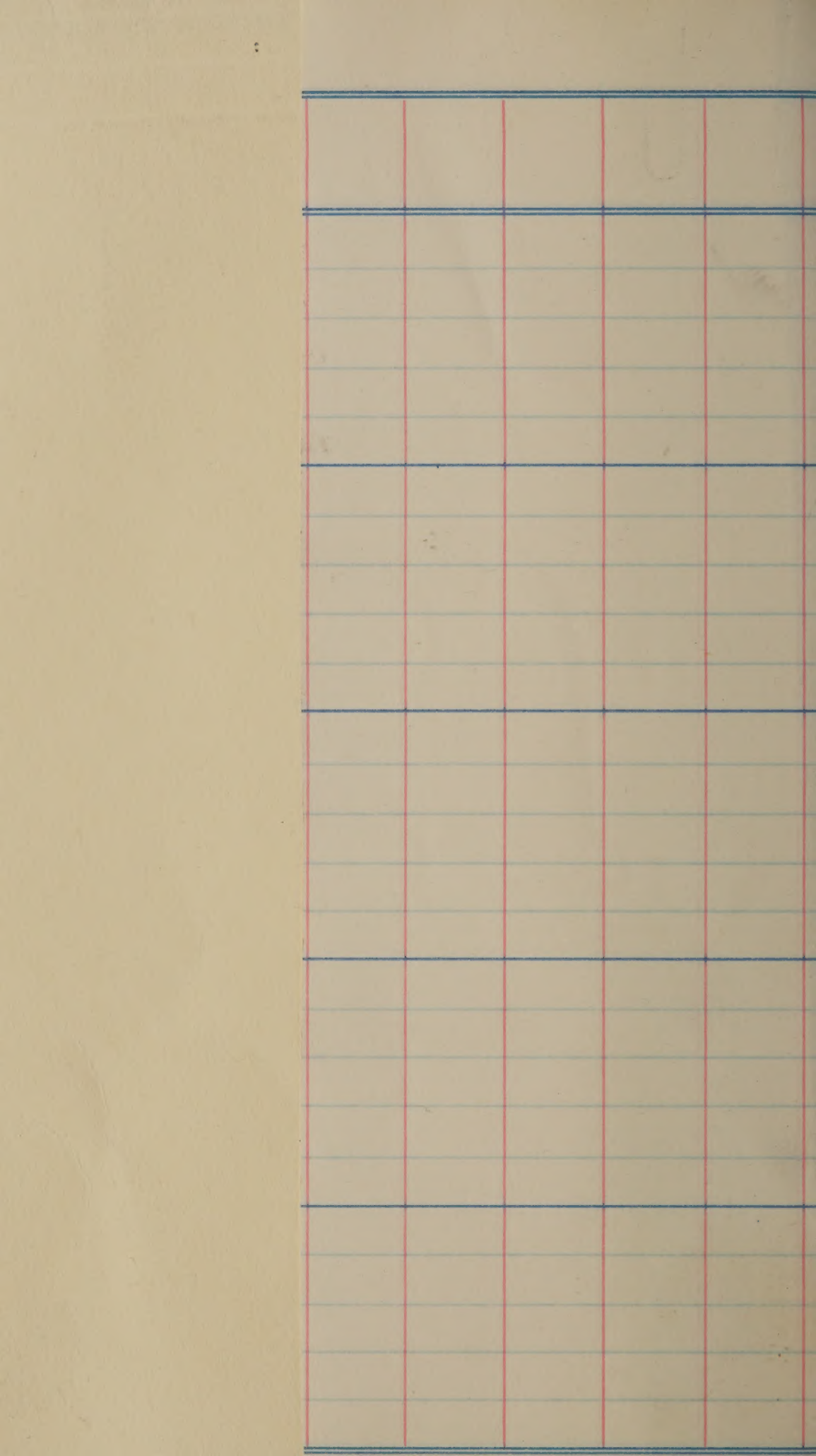
853 B53-9009 411
Sm. Zen. Sel. 223

854 Zenith 412
~~Sm. Zen. Sel.~~ 426

855 B53-9011 413
Sm. Zen. Sel. 427

856 B53-9019 414
Sm. Zen. Sel. 125





840

608 3098.72

1448 162 19.1

1448 3099 19.1 ✓

871

892 3772.82

1763 162 23.2

1763 3773 23.3 ✓

894

896 3830.60

1790 162 ✓ 23.6

1790 3831 23.6 ✓

636

812 3098.72

1448 162 19.1

1448 3099 19.1 ✓

601 B53-2001,
Unknown

2001

1st full Ripe pl
nd ht

101 7/26⁽¹⁻⁶⁾ 8/12 8/28
7/28⁽³⁾ (1-6)

602 B53-2009,
Unknown

2009

102 7/27 8/28
8/5⁽¹⁻⁶⁾ 8/14 9/7
8/4⁽²⁻⁵⁾ (1-6)

No row 3 & 4 separately
Save 3 for next year (green/straw)

603 B4564A2-12-2-1-1,
Brn Sel x Z

2187

103 7/29⁽¹⁻⁶⁾ 8/12⁽¹⁻⁶⁾ 8/30

No 3 & 4

7/29 8/30

604 B53-2857,
Zenith Sel. (Glut)

2858

No row 4 (28 glut)

104 7/29 8/30
8/6⁽¹⁻⁴⁾ 8/19⁽¹⁻⁶⁾ 9/5
8/4⁽⁶⁾
8/7⁽²⁻³⁻⁵⁾

605 B53-2865

Zenith sel (Glat)
2865

105 8/6 9/5
8/6⁽¹⁻⁴⁾ 8/17⁽¹⁻⁶⁾ 9/5
8/5⁽⁵⁻⁶⁾

No row 4 + 3

8/6 9/5

Ho Co Entyone

3-4 3 1

3-4 3 2

a good Smooth type, prob. shorter than
than Zen.

2-3 2 2-3

Green strained Zenith (ghst) Prob taller than Zen

2 2 2-3

Like 604 but possibly taller.

2 2 2-3

B53-2887,
606 Zenith SE/

2887

106

106
8/5(1-6) 8/17(1-6) 9/7

Mr. Row 3

B53-2914 R-SBR x BPR 107
607 (GLUT)
Zenith SE/ (GLUT)

8/5
8/6(1,4,6) 8/19(1-6) 9/7
8/8(2,3,5) 9/7

Mr. Row 4 2914

HO! CO + entyflom Pa

Cross with long grain types for sure

8/7 ↑ 9/7

HO CO Eutylone

A good green strained Zenith, more
leafy than Zenith.

2 2 2-3

Not glut Zenith but short strained,
small stemmed early glut form. 5399 half cr.
Green strain Jap stem & leaf type, except not
as tough, Long gr., smooth

14
Hd

Full Ripe

B431A1-15-2-1-1

608 B54-608 201

9/18

smooth BR-BR4 x 8323-2

glutinous
Rogers 29/7

Mr
Row 3

9/3

9/3

c

B431A2-23-1-1

609 sm BR-BR4

9323-2

1661

disc Have in Single 7. photo.

8/3

9/5

B4564A2-11-4-1-1, 8/25

8/12 (1-6)

9/5

610 Bruin sel x Z 8/3 203

1602

disc To be

B4510A3-2-1-1

611 R-7689 x Hill med 204

9/7

In Row 4

1603

8/7 (1-6)

8/19 (1-6)

612 B437A1-6-17-4-1-2,

8/16 (1-6)

sm BR-BR41 x 9323 205

2173

Mr Row #4

8/4 2, 3, 5

8/5 1, 4, 6

Ho C0 Entylone

v. tall, erect panicle top grain.
also in Single T. Plot.

v. den for Ho, no C0, glutinous
Is not B4311A, prob CI 5399 not cross
2 1-2 1

2 2-3 3

2 2-3 3-4

9 good Short shelled sl. mid gr type -
Some ags for C.O.

1-2 2 1

Excellent BR grain type, rather early 2
leafy, a v. long yellowish sl. Part in
straight head test,

2 1 1-2

1st
H

Full

Ripe

613

B459A1-117-1-1,

8/14 (1-6)

9/6

Hill set x Remark

206

disi

160#

8/4 1-6

some indication
of white tip?

614

B49-12-1-3,

8/5 1-3

8/17 (1-6)

9/7

Hill med x 2

207

1607 8/6 2-4

615

B53 1609

8/6 1-2

8/13 2

9/5

DREWSON

8/5 4516

8/15 (1-6)

1609

A good gold bull Zenith.

616

B53-1610,

8/3 2-6

8/13 (1-6)

9/7

heger

8/6 302

1610

617

B4935-21-2-2-1-3

7/31 1-6

8/11

9/3

Hill Nat'l cr.

303

1611

weak straw,
falling down

Ho Co Ent

2 2 2-3

Tall & rather leafy, a good smooth grain rather short, no better than Sun. Zen

2 2 2-3

2-3 3 3

Like Dragoon, except st taller.

2-3 2 2

No value, a v. early long st. grain with fast ripening of leaves.

2-3 3 2-3

B403/A1-1-2-2-1-2

618

TPX R-SBR

304

HO, CO + Entyloma standard

~~Nat'l CR.~~

1613

Mr Row 4

8/21

8/31

B403/A1-1-1

619

TPX R-SBR

305

HO, CO + Entyloma standard

Nat'l Cross 1617

Mr Row 4 + 3

8/14

8/25

Demand by type Watch

620

B50-4401,

8/4¹⁻⁶8/14¹⁻⁶

9/5

CENT 234 SEI

306

1621

Mr Row 3 & 4

621

B52-2459,

8/12¹⁻⁶

8/22

9/

E.BRT SEI

307

1624

✓

no value

HO CO Earlyform

V good midseason C. P. erect flags.
check with sel in field plots (Single) +
check qual. carefully

1 1 1

Roller leaf CP-type, Cross with CP
V. Green straw, narrow leaves poor
yld tho.

1 1 2

Short very sturdy strawed type, almost
a med grain + fuller gr than CP
wider leaves + larger stems than CP

2 2 3

grows too tall, more leafy than BB +
dries back too fast.

3 2-3 2-3

1st
Hd

Full Ripe

B4530A1-5-3-2-1

622

401

disc

1629

8/12⁽¹⁻⁶⁾ 8/22⁽¹⁻⁶⁾B459A1-49-1-2-2 7/31⁽¹⁻⁶⁾ 8/11⁽¹⁻⁶⁾ 8/25⁽¹⁻⁶⁾

623

Hill Sel x REXONK 402 seg in all rows

1629

disc

B4536A1-3-2-1-2

403

8/17⁽¹⁻⁶⁾ 9/5

624

B-7689X Hill Med

2026

Lodged on 10/5¹⁻⁶

weak straw

B4536A1-3-5-2-1,

404

8/14⁽¹⁻⁶⁾

625

8/4¹⁻⁶

9/5

2030

Standing O.K on 10/2

B53-2044,

8/11¹⁻⁶ 8/13⁽¹⁻⁶⁾ 9/3

626

unknown

8/3²⁺⁶disc

2044

No	Co	Ent
2	3-4	2 ✓
2-3	2-3	3
1-2	2	3
2-3	2-3	2-3
2	2-3	4-5

1st
Hd

Full Ripe

B4515H1-43-2-1,

8/2¹⁻⁶₄₀₆ 8/12⁽¹⁻⁶⁾ 9/3

627

Hill SE1 x RN

2062

Tuber + weaker straw than 628

B4515H1-43-2-1,

8/1¹⁻⁶₄₀₇ 8/12⁽¹⁻⁶⁾ 9/3

628

Hill SE1 x RN

2064

good v. early type, prod some as single

Do	Co	Ent
2	3-4	4
hold plot line		
2-3	3	3

1st
Hd

Full Ripe

B51-3621-1,

629

CENT ROGUE

501
8/5 6 8/17 (1-6) 9/~~Row~~
~~all row~~

2072

8/7 (1-5)

Straw hulls, green straw Excell. grain texture

B51-3636-4

630

502
8/3 2-6 8/13 (1-6) 9/5

2078 8/4

Rather tall but large v. green straw
good, prob in Single 7 plots

B50-4345,

631

CENT ROGUE

503
8/5 1-6 8/15 (1-6) 9/5

2085

Short straw bed for leaf drying

B50-4381,

632

CENT ROGUE

504
8/2 1-6 8/13 (1-6) 9/3

2101

Straw hulls

disc poor grain shape

B50-4401,

633

CENT 234 SEI

505
8/6 1-4 8/16 1-6 9/7

In Row # 4

2107 8/8 5-6

Ho Co Ent

V. good grain type + texture Saw row
4 for seedling in 1955

2 2 1-2

Tally + marker stem than 629

2-3 2 3

2-3 3 4

2 2 3

Good short stemmed CP

3 2-3 3

1st
Hd

Full Ripe

B53-2111

634

506

Red/and CENT Sel A

8/5 (1-6) 8/15 (1-6) 9/5

2111

In Row 4

B50-6642-2H,

635

JONES TP

507

8/6 1+3 8/17 (1-6) 9/7

2122 8/25

In all 6 rows

B4524A1-10-1-1,

636

TP49X(TPXR SBR

601

8/8 (1-6) 8/19 (1-6) 9/7

In all 6 rows

2128

about CP maturity, short stem, chert good
Possible substitute for CP. Watch

B4544A1-1-1,

637

P-7689x RN

602

8/3 1-6 8/15 (1-6) 9/7 (1-5)

9/ (6)

2143

disc

fast ripening

B4031A1-1-1-2

638

TPXR-SBR

603

8/6 2 8/19 (1-6) 9/7

In row #3

2226

8/8 13+6

about CP mat. v. good, short stem

Ho	Co	Ent
2-3	2	3
2-3	2-3	2-3
2-3	2-3	2-3
2-3	2-3	2-3
2	2-3	2-3

1st
Hd

Full Ripe

639 B502A3-89, 604
BBt x Cent. 8/6^{1,4,5}8/19⁽¹⁻⁶⁾ 9/9Row 1, 2,
4, 5, 6

4812

8/9^{2,3,6}

Tall segs for ht.

and reaction to CO

Row 3 is v tall & all rows put segs for full ripening char.

B504A1-10, ZXB#33A2-6

640

605

Ht. row 5 + 1

4512

8/6^{1,3,4,5}8/19⁽¹⁻⁶⁾ 9/78/7^{2,3,6}

B502A2-12, BBt x Cent

641

606

8/19⁽¹⁻⁶⁾ 9/7disci are equal

4529

8/6¹⁻⁶8/7⁵

HO: CO & Entylomo Pearse

642

B508A1-25, BBt x HD-10

607

4159

8/8^{1,4,6}

8/18 9/

Ht row #2

HO CO Entyloma

2-3 2 2

1.

v. good Cp type but poor cooking so discards

2 2 3

2 2 3

Seem for weak nodes, and rapid drying
 Spred now 2 with green straw & straight nodes.
 Rather tall

I T 1

1st

Hd

Full

Ripe

643

B508A1-39, BB+ x HD-10

701

4173

8/19 2-6

8/30 (1-6)

V. green straw

rather tall, glumes

8/21 clean leaves, green, slow ripening

644

B502A-2-6, BB+ x Cent

702

4523

8/5 3-6

8/21 (1-6)

9/10

8/12 1

8/9 2, 4, 5

645

B459A3-13-1-2-2, Hill sel x Rexark

703

8/11 (1-6)

9/31

1631

7/31 1-6

disc

646

B4513A1-25-1-2-2, 8/11 (1-6) 9/3

Hill sel x BB+

704

1637

8/1 1-6

Hill row #1 x 3

standing better than other sebs, V. sl. green

647

B4515A1-13,

8/1 1-6

8/12 (1-6)

9/3

Hill sel x BB+

705

1641

Has v. short straw, good grain type, put
in single 7. plot

AO CO Enlytone

R R R

1-2 1 1

Row 3 has seg. grain shape

2-3 3 2

2-3 3 2

Has a very slinky grain, more at than
A1-20 or A1-32

2 2 3

2-3 34 3

1st

Hd

Full Ripe

648

B4512A1-20, 7/31¹⁻⁶ 8/12¹⁻⁶ 8/31

Hill/SE/x BBT 706

1642

649

B4512A1-20 7/31¹⁻⁶ 8/13¹⁻⁶ 9/3

Hill/SE/x BBT 707

1643 8/4 5

seg. plants in
row 2+3

650

No	Co	Ent.
2-3	3-4	2 ✓
2-3	4	2 ✓

650

B4542A1-2, $\frac{8}{5}$ 3R-7689 x ~~TP x R-SBR~~ 108

(TP x R-SBR) 1647

 $\frac{14}{11}$

Full Ripe

 $\frac{8}{19}$ 3-6 $\frac{9}{7}$ $\frac{8}{1}$ 1+2

grain to hold

Rise $\frac{8}{6}$ 4,5,6 $\frac{8}{8}$ 1+2

651

B4544A1-26, $\frac{8}{11}$ 1-6 $\frac{8}{12}$ (1-6) $\frac{9}{3}$

R-7689 x RM 109

1648

V. short straw, early
grain rather thick. good
plant type for straw type

652

B455A1-25

BBTX(~~TP x R-SBR~~) 110

(TP x R-SBR) 1650

 $\frac{8}{18}$ (1-6) $\frac{8}{30}$ dissect
grain texture

653

B459A3-3-2-1-1 111

Hill/SEL x REXARK

1656

 $\frac{8}{21}$ $\frac{8}{31}$ ~~dissect~~~~good, not grain~~
~~good, not grain~~

654

B459A3-54-4-2-3.

Hill/SEL x REXARK 112

1659

 $\frac{8}{17}$ (1-6) $\frac{8}{30}$ (1-6) $\frac{9}{1}$ dissect $\frac{8}{202}$

40 CO Eutyloma

3 2 T

2-3 3 1

gold knotted sil from A1-25, Is taller + prob.
more leafy, Texture much finer, disc

2-3 T 1

Short v. sturdy, show some thin line for
possible use in breeding. 20 still standing
perfectly on 10/20. On 10/20 the quality looking
2 1-2 1 V good.

Inferior to 653, tall

1-2 1-2 1

655 B4031A1-3-3-47-7,
TPXR-SBR 113

disci
100 call
1699
8/12⁽²⁾ 8/22 9/
8/13⁽¹⁻⁶⁾

656 Delitus 114
8/11-6 8/22 9/

Mr
none
5x6
1700

657 B46-4797-5,
REXARK SEI 208

disci
since to CO
1702
8/19⁽¹⁻⁶⁾ 8/30⁽¹⁻⁶⁾

658 B51-4307
BBT 50 SEI 209

disci
no better than
set 50
1703
8/17⁽¹⁻⁶⁾ 8/28⁽¹⁻⁶⁾

659 B51-4322-11

Tr #244
not BBT 50
a rogue, not a
BBT 50 SEI 210
2362
8/19²⁻⁵ 8/30¹⁻⁶ 9/
8/21¹⁻⁶

HO	Co	Entylone
2-3	1-2	2 ✓
2	1	1
2-3	3	1
2	3	1
Green stemmed types, short sturdy stems, legs, gold stem, check gold, & straight head more slender than BBT-50		
1	2-3	2

1st
Hd

660

B351-4352-3

Reidland flawed
BBt

211

extremely tall, much
like delitas, except
9/ shorter fuller gr,

2371

8/17 (1-6)

8/28 (1-6)

9/ shorter fuller gr,

no CO

661

B44-4601-58/11 (1-6) 8/22 9/

BBt SE/

212

Shorter than

2385

BBt 50, possibly sl. earlier
grain more slender & sturdy
straw, chick good

662

B4539 A1-62-11-1

8/11 1+6

8/22 (1-6) 9/

213

Rather short sturdy straw

2342

8/12 2-5

chick cooking good
only fair,

663

B4526 A4-4-1-3

TP49x(TPxR-5BR)

214

2442

9/5 (1-6)

Ripe after 9/5

H-314

No	Co	Entyloma
1-2	1-2	1-2
2	2	2
2	1	1
av. good 7P+9 type, grain too long		
2	1	1-2

Sure to
 grow in
 1655

1st
HO

Full Ripe

664 B455A1-30-5
BBt x (TP x R-SBR) 308

disc and
no value

2623

8/15 (1-6) 8/25 (1-6) 9/

665 B53-2781
Stockdick, BBt 309

For Rm 4 Type 2781

8/19 (4-5) 9/2 (1-6) 9/
8/21 (1-6)

666

310

disc

1664

8/19 2-5 8/31 (1-6) 9/
8/21 1-6

667 B459A3-72-1-2-1
Hill Sel x Rexark 311

disc

1666

8/17 1-6 8/28 (1-6) 9/
8/19 (2-5)

668 B4511A1-53
Hill Sel x 312

(TP x R-SBR) 1669

disc

8/21 8/31

HO CO Entylone

poor grain texture, taller than A1-25
green stream, no value

1-2 1-2 1-2

a green stream BBT, prob no taller than
Lumbinet; about a ~~thin~~ thin grain, v. long.
check qual + Sh. Hd. v little CO when overripe

2 1-2 2

Too tall, grain too thick

3 1-2 2-3

Sparse panicles too leafy

2 1-2 3

2 1-2 2-3

669 CP234-2-1/Rogue

313

Erect flop short stem

1670

8/17⁽¹⁻⁶⁾

green stem

8/27⁽¹⁻⁶⁾

9/

670

B4512A1-50

Hill Sel x BB4 314

1674

8/17¹⁻⁵

Tail, midsection, green stem, 1/8 poor green stem

8/29⁽¹⁻⁶⁾

(texting and pink highly R. 7/10)

8/20⁶

C.O. tall green green co. 1.0/6

appears to be like H.O. sel for green leaves

Ho	Co	Entyloma
2	1-2	2-3
1	1	1

671 B4512A1-106
Hill Sel x BB† 408

disc
instruct
A. photo
1679
8/20 (1-6) 8/31 (1-6)

672 B4513A2-21
Hill Sel x BB† 409

disc
1680
8/20 (1-6) 8/31 (1-6) 9/
a jay type (murder
or half cross)

673 B4515A1-58
Hill Sel x RN 410

8/11 1
1685 8/26 8/23 (1-6)

disc
no value

674 B4527A1-16-1-3-2
TP 49 x Rexoro 411

1690
8/19 1-6 8/20 (1-6)
8/21 3

disc
no value
676

675 B4527A1-16-1-3-2-4
TP 49 x Rex 412

2242
8/20 2-6 8/30 (1-6)
8/21 1

disc
no value
676

Ho	Co	Entylone
----	----	----------

1-2	4	1-2
-----	---	-----

1-2	1	1
-----	---	---

1-2	3	2
-----	---	---

3-4	2	1
-----	---	---

3	2	1
---	---	---

1st
Hd

Full Ripe

676 B4527A1-16-1-3-2-5

TP49 x Rex

413

much like 677 except
green stem,

2243

8/19 (1-6)

8/30 (1-6)

In rows 3 & 4
to goal.

677

B4527A1-42-1-1-2-7

TP49 x Rex

414

V. much a Bkt type, not
green stem, but ~~discoloration~~ stem hollow

2245

8/20 (1-6)

8/31 (1-6)

In Row 3 & 4

check and

A natl cross no doubt
in mixture. Rather tall but for

678

B4510A1-8-2

Hill Sel x BBT

508

V. late type

2287

In 4 & 5

679

B4511A1-51-2-1

Hill Sel x (TP x R- 509

SBR)

2313

8/25 (1-6)

9/15 (1-6)

Later than BBT

In rows 3 & 4
after 10/12

B4515A1-6-1-5-2

680

Hill Sel x RN

510

Poor grain texture.

2324

8/17 (1-6)

8/27 (1-6)

discard

In row

Ho Co Ent

3 2 1

2-3 2 1

Considerably taller than 679 but prob not taller
than BBT-50; Has Co but very sturdy straw.
Straw hulls + grain more slender than BBT-50
Very yield.

2 2-3 1

Has v short straw, green stem, fine c.o.
Rather narrow leaves, gold hulls, v promising
type.

2 2 2

2 1-2 1

681 B4031A1-1-5-2-2,

TP x R-SBR

511

V. short sturdy straw

2327

8/27⁽¹⁻⁶⁾

erect flag, green straw

9/9⁽¹⁻⁶⁾

rather late

check grain qual.

682 B4538A1-2-2,

R-7689 x TP x R-SBR

512

Rather tall had for

2337

8/20²⁻⁶

leaf drying questionable

8/30⁽¹⁻⁶⁾

grain texture

9/21

683 B46-4797-5

Rexark Sel

513

2347

8/19⁽²⁾8/31⁽¹⁻⁶⁾8/21⁽¹⁻⁶⁾

684 B46-4797-5-4

Rexark Sel

514

a green strawed

2350

8/21⁽¹⁻⁶⁾

BBT 50 type, short

8/31⁽¹⁻⁶⁾

sturdy straw

check grain size & qual.

HO CO Entyloma

1-2 1 7

✓ 1-2 1

q.v. good short shenest BST type, shorter
sturdier straw than BST 50

✓ ✓ ✓

some CO but would show a ^{much} less leaf drying than BST

✓ ✓ ✓

685 B455A1-25
BBT x (TP x R-SBR) 608

disc acid poor
min texture & big
discoloration 2803
8/19 (1-6) 8/30 (1-6)

686 B455A1-25-2
BBT x (TP x R-SBR) 609

disc acid
discoloration, questionable grain texture. 2804
8/18 (1-6) 8/30 (1-6)

687 B455A1-25-4
BBT x (TP x R-SBR) 610

disc ✓
(2+3) (4+5) 2806
8/17 (1-6) 8/30 (1-6)
check good. Excellent stem (great sturdy & short)
prob original bl factors
some improvement
in qual but poor

688 B455A1-25-6
BBT x (TP x R-SBR) 611

disc acid
Texture & bulk 2808
8/17 (1-6) 8/30 (1-6)
Than Original

689 B4511A1-50
Hill Sel x TP x 612

disc
no improvement
from the better line 2826
8/20 (2-6) 8/30 (1-6)
8/21 (1)

No	Co	Ent.						
3	2	2-3						
3	2	2-3						
3	1-2	2-3						
3	2	1-2						
2	2-3	3						

690 HO-421-2-1-1
 (1+6) TPxB3812A 613
 for (2+3) for 1715
 (4+5) seed next 8/19(3) 8/31(1-6)
 year 8/20(1-6)

691 HO-114-3-1-1
 TP49xB3812A 614 med-gr, type V, shil
 for 30 1717 sturdy stream

HO	CO	Entylona
1	1	1
1	1	1

692 HD-341-1-1-1

~~TP47~~ x B3812A

BBT

708

Is typical of sel.
uniform

1721

8/18⁽¹⁻⁶⁾ 8/20⁽¹⁻⁶⁾

693 B47-4399-7-1

Glut. Nat'l Cross 709

much like 694

1725

but taller & later and
more leafy; wide leaves

694 B47-4399-8-2

Glut. Nat'l Cross 710

For Crossing Program

In Row # 5

1726

Has V.V. short stem

8/31⁽¹⁻⁶⁾

9/ green stem + smooth

Ideal for crossing to get long-gr. with these char.

695 Hyb Mix-11-47-19-5

E.Sh. Gr. Bulk 711

ripe 10/10

1728

Late, some heads later than 10/10

2 early threshed

696 Hyb Mix-11-47-11-1-2

E.Sh. Gr. Bulk 712

fussy dwarfs are here

1730

8/23⁽¹⁻⁶⁾ 9/3⁽¹⁻⁶⁾Also
2 in row # 5

HO CO Eutylona

1 1 1

3-4 2 1

3-4 2 1

as almost a typical gap leaf + stem
except for drooping tendency, probably
not as tough stem as typical gap.

no CO + clear for HO, narrow leaves,
no leaf layer, a v. prominent gap. but v. late
in to stem early

1 0 0

2 1 1

697 B406, Fx Red 713
1738

no C.V. seen for
dominant seed character
713
8/29⁽¹⁻⁶⁾ 9/ narrow leaves, v. green stem
BR grain type

698 B433A2-6-10-2-1-2 714

B4-3299 x 1708

(A-SBR x BR41) 714

a good long-grain
type from Ind. ex. Cross
check seedling vigor

699 B53-2601, 115
Nat'l. Cross 2601
from B438A 115

9/6⁽¹⁻⁶⁾

700 B53-2604 116

Nat'l. Cr. 2604

From B438A 116

a short stemmed Jap

green stem v. heavy

8/23⁽¹⁻⁶⁾ 9/3⁽¹⁻⁶⁾ check day lengths & seed

Try for late pl. char Jap

701 B41-3282-1, 117

SM BR. 2758

117

8/23⁽¹⁻⁶⁾ 9/3⁽¹⁻⁶⁾

HO CO *Centrona*

2 1-2 1

3 1-2 1

2 1 1

Still no CO on 10/20

R-2 7 1

a smooth med-gr. BR ht. but tough snail. Show of
 Jap. good to cross with Jap. Some CO resist,
~~Still no CO on 10/20~~

2 1 1

702 B4535A1-29, 118
R-7689 x BBT. 2784

disc 8/19⁽¹⁻⁶⁾ 8/29⁽¹⁻⁶⁾ Too tall, conical,
leaf drying, long & slender grain -

703 B4526A4-4-1, 119
TP49 x 2830

✓ (2+3) (TP x R-SBR) a very good TP49 type but earlier
(4+5) 8/25⁽¹⁻⁶⁾ 9/5⁽¹⁻⁶⁾ sturdy stem, not too
tall, gold gr., moush than BBT

704 B4526A4-14, 120
TP49 x 283B

(3+4) (TP x R-SBR) 8/18⁽¹⁻⁶⁾ 8/30⁽¹⁻⁶⁾
A v. good TP49 type but earlier slender
stem ~~not~~ too tall, gold gr. moush than BBT

705 B4544A1-26, 121

R-7689 x RN 2838 V Short sturdy stem

8/29⁽¹⁻⁶⁾ 9/1⁽¹⁻⁶⁾ signs for erect flag
Row 4 is erect flag
No marks (4)
for qual

HO	CO	Ent
2-3	1	1
2	2	1
1-2	1	1
2	1-2	1

B53-2525

215

706

CA x R.

2525

part in single yield 8/29⁽¹⁻⁶⁾ good to cross with
 nursery 9/1⁽⁴⁺²⁾ smooth top & v. short channel
 for 445 top (funcki) for clean top

B4544A1-1-1

216

707

R-7689 x 8975

1713

8/18⁽¹⁻⁶⁾ 8/28⁽¹⁻⁶⁾

disc v. bad for leaf drying, Tall, no values

B4544A1-26

217

708

R-7689 x RN

1737

9/7⁽²⁾

v. short stem, long

erect flags.

B4044A3-1-1-1

218

709

R.5BR x BR

1742

check seedling vigor

Is seg for plant ht, seed
 shortest rows

B3313A1-16

219

710

RogueR x 7689

1743

8/25⁽¹⁻⁶⁾ 9/5⁽¹⁻⁶⁾

rather late seed lot 1/4

40 Co Entylora

Is a ^{little} slender med-grain type, green
 straw, quite tall, v little Co. rather hard to
 thresh. V. good med-grain type that should be
 fairly easy to dry. Watch

1-2 1-2 1

2-3 2-3 1

v short straw, erect flops, green straw,
 no Co,

2 1 1

2 1-2 1

Too tall, no Co on 10/10 green lines,
 v. little bedding

2 1 1

B4524A1-13 220

711

TP49 x (TP x R-SBR) 1746

Mr 3rd

No cut later

9/17 (1,3,4)

✓ late

9/ (2,5,6)

late

B4531A2-93-4-2

712

221

TP49 x RN

1747

No Row #6

9/16 (1-6)

✓ late

9/ (2)

late

~~1750~~

~~1751~~

~~1753~~

HO CO Ent

✓ sturdy stem, not too tall, some CO
consider by day of

2 3 3-4

✓ late long erect flag, leaning sl on 10/20
lodged badly after 10/22 + 23 storm
while 7/11 and 7/10 stood up OK

2 1 2-3

713 B4534A1-58-6 315
 R-7689x(TP x R-SBR) 1750 *sepr for skull types*
 8/18 (1-6) 8/28 (1-6)

Donor 4 + 1)

714 (B52-3535) 316
 Texas Patna (Wint) 1761 *v. tall x late TP*

715 B52-3552 317
 TP Sel (Wint) 1762 *Earlier TP type*
 9/7 (1-6) *shorter than 714*

716 B52-3557 318
 TP Sel (Wint) 1763 *v. late, prob is*
Revero maturity, check for
str. head reaction. Maybe Rex

717 B52-4820 319
 TP Sel (Wint) 1764 *shorter than*
 9/7 (1-6) 3552, Uniform
 9/14 *hair Rex appearance*
only earlier

Do Co Ent

3 2 1

2 3-4 2

2 4 -

2 4 -

2 4-5 -

718 B324B49-10 320

R x 5094 1765

no CO, v green, straw
leaves are wide, good strong, sturdy
sl. taller than shortest TP

719 B49-5825-2 321

Rexoro Sel 2642 no CO, v green

8/30⁽¹⁻⁶⁾ straw, narrow leaves
v. tall & badly lodged; as prob
an intro. & not Rex, Ripe 10/6

720 B4544A1-34-1-1-4 415

R-7689 x RN 2452

late mat
similar to 722
but longer grain & gold, hull shes
is d. taller & later no CO

721 B4534A1-58-3-2-2 416

R-7689 x (TP x R-7689) 2459

Ripe about 10/7
For very sturdy straw
No (243) & (445) not too tall, but v. long & +
fater v. long heads, dark green
flow droop. Excel long grain

722 B4545A2-1 417

TP x Hill Med 2539

9/7(3) v. short straw, v. sturdy
9/8⁽¹⁻⁶⁾ uniform, no CO, grain
rather broad, straw bulbs

HO CO Entylone

2

2 1-2 2-3

2-3 2 1

green strained, no CO on 10/26, 1st study, shiny
with sparse particles

1-2 1 1

S/S CO, but has exceptionally long
heads. Saw this line and long heads
check past performance in this respect

2 2 1

Saw a short sturdy Parent 1 little
CO, Considerable CO

3 1 1

723 B403/A1-1-1-2-2-1-2 418
TP x R-SBR 277/
Dis. 2 rows (2+3) 8/21 (1-6) 8/31 (1-6)
check good. green straw CO need some
narrow leaves and flag. Short straw

724 B324B49-6-2 419
R x 5094 2647
Dis 2 rows
later 7/4 TP 49 appearance
check pedigree
Pan seed

725 B324B49-10 420
R x 5094 1765
✓ Same as 718
dis 1/2 3/4

726 B4545A2-3-1-1 421 Ripe 10/10
TP x Hill/Med 1766 of value as a Parent
✓ Only. Has very large culms & V long
flag (mid) lines. Short sturdy straw
Would be V. good except too leafy ~~straw~~

No	Co	Ent
1-2	1	1
lodged on 10/26, 5 to CO, appears to be T Paturo		
2	3-4	1
some CO, v sturdy stem, good to type ^{slightly stem} with P. as a green stemmed type, 1-2 CO but slow leaf drying, has sturdy stem 2 1-2 2 but grain is short my little CO, green stemmed 3 1-2 1		

727 Boyt - 6 515
Rexoro Sel 1768

quite short stems & typical
Rex in other respects.

728 B47-4980-3 516
Karang-Serang 1782

consider taller than Rex, al. like
than Boyt-6

729 B47-4980-5 517
Karang-Serang 1783

earlier than Rex, V. tall

730 B47-4963-14 518
Karang-Serang 1784

no taller than Rex similar
maturity, fairly long grain
V. uniform, prominent type

731 B47-4942-2 519
Karang-Serang 2534

8/29 (1-6) 9/

Ho Co Ent

2 3-4 1

no CO, v green stem, v large seeded
v sturdy stem but too tall
Cross with short stemmed early type
2-3 1 1 gold hulls

much like 728 but earlier & has stem
hulls no, CO.

2-3 1 1

no CO, v sturdy stem, green stem
inhibits my growth, good as a parent.
of qual. OK grain not much larger
2-3 1-2 1 than TP49

Smooth med-gr type v tall
no CO v green stem
early threshed
2 1-2 1

732 B4545A2-3-2-2-1-4
✓ TP x Hill Med 520
2557
9/7 (6)

733 B4545A2-3-2-2-1-11
✓ TP x Hill Med 521
2565
9/7 (1-6)

No	Co	Ent
3-4	1	1
3	1	1

734 B4545A2-3-2-4-1-3 615
TP x Hill Med 2569

other 9/7 (6,2,6)
9/3,4,5

735 B4527A1-27 616
TP49 x Rexoro 2606

200 Sm BP type 9/4 (1-6)

not TP1 x Rex 1
mat. gr type field
grain, smooth & sturdy
BP type stem, no C.O.

736 B4541A1-13-2 617
R-7689 x BBT 2615

Heads 8/23 (1-6) 9/13 (1-6)

A.V. good TP4 g type with lachin mat. then
TP + shorter sturdier stem

737 C48-8087-2 618
Guidry 2631

white tip

v. tall leafy heavy field
Hr (203) (425)
dark hds

T. Patna 49-6 619
(Pr. culm) 2638

738 9/7 (6,2,5)
9/3,4,6

Hds 200 (425)
Hr 203 (425)
check field

No	Co	Ent
2-3	1	1
could be a TP49x Rex Natl cross, Has bold hull smooth & a very broad flat grain not typical mid-grain shape. Has v good short sturdy stem, No Co, green skinned, large Homopota		
3-4	1	1
2-3	1	1
2	1	1
2-3	2	2

1st

Hd

Full Ripe

Cal-4819A1-12

739

620 $\frac{7}{31}^{(1-6)}$ $\frac{8}{11}^{(1-6)}$ $\frac{8}{31}^{(1-6)}$ ~~Hd covered
shave~~Fairly tall, smooth, weak strain
short semi erect heads (compact type)

740 PI-187,078

621 $\frac{7}{31}^{(1-6)}$ $\frac{8}{12}^{(1-6)}$ $\frac{8}{31}^{(1-6)}$ ~~Hd covered
shave~~quite tall, rather
long panicle for Jap (weak strain)

741

MO. R138

715

 $\frac{8}{3}^{(2-6)}$ $\frac{8}{13}^{(1-6)}$

1 didn't come

 $\frac{9}{5}^{(1-6)}$ ~~head hd~~v. short stem fine stem, narrow
leaves, green leaves, not too long

742

MO.-R134

716

 $\frac{8}{6}^{1,3}$ $\frac{8}{17}^{(1-4)}$ 5+6 didn't come $\frac{8}{4}^2$ $\frac{9}{7}^{(1-4)}$ up $\frac{8}{5}^4$ ~~head hd~~fairly tall, long grain, some
open, smooth rather coarse grain

743

MO-106

717

 $\frac{8}{2}^{(2-6)}$ $\frac{8}{14}^{(1-6)}$ $\frac{9}{3}^{(1-6)}$ $\frac{8}{3}^1$ ~~No head~~Rather tall, longer stems than:
typical Jap, some leafy
has Jap drop rather tough

Do	Co	Ent
2-3	1-2	3-4
2-3	1	1
2-3	1-2	1
3	1-2	3-4
2	1-2	2

744 MD-R107

8/1 (1-6) 8/12 (1-6) 9/11 (1-6)

718

Rather sturdy stem

green stem more like Cody
✓ good

B455B2-11-2

719

8/20 (1-6) 8/30 (1-6)

745

BBT x (TP x R-SBR) 1654

Hb
(203) (415) Hb
rured

746 Lady Wright Sel 720

1662 8/5 (1,4,6)

8/20 (1-6)

8/6 (2,5)

9/7 (1-6)

8/4 (3)

Seed acct
badly mixed
& short grain
not long
enough~~747~~

No	Co	Ent
3	2	1
2	2-3	1
3	2-3	2

DATE	DESCRIPTION	AMOUNT	CHECK NO.	BANK
10/1/1917	...	...	...	...
10/2/1917	...	...	...	...
10/3/1917	...	...	...	...
10/4/1917	...	...	...	...
10/5/1917	...	...	...	...
10/6/1917	...	...	...	...
10/7/1917	...	...	...	...
10/8/1917	...	...	...	...
10/9/1917	...	...	...	...
10/10/1917	...	...	...	...
10/11/1917	...	...	...	...
10/12/1917	...	...	...	...
10/13/1917	...	...	...	...
10/14/1917	...	...	...	...
10/15/1917	...	...	...	...
10/16/1917	...	...	...	...
10/17/1917	...	...	...	...
10/18/1917	...	...	...	...
10/19/1917	...	...	...	...
10/20/1917	...	...	...	...
10/21/1917	...	...	...	...
10/22/1917	...	...	...	...
10/23/1917	...	...	...	...
10/24/1917	...	...	...	...
10/25/1917	...	...	...	...
10/26/1917	...	...	...	...
10/27/1917	...	...	...	...
10/28/1917	...	...	...	...
10/29/1917	...	...	...	...
10/30/1917	...	...	...	...
10/31/1917	...	...	...	...

F₂ Populations.existing
order

Cross No. and Cross

101 B5316A1 Full Length (4 Rows)

B4512A1-32 x Texas Patna

a very few plants as early as early parent
Is a cross

ha

102 not alone (4 Rows)
B5316A3 East 1/2

B4512A1-32 x Texas Patna

many plants as early as early parent, Is
not a cross Is B

out

202 B5316A2 West 1/2 (4 Rows)

B4512A1-32 x Texas Patna

few plants as early as early parent
Is a cross

ha

103 B5317A1 Full Length (4 Rows)

B4512A1-32 x Rexoro

many plants as early as early parent
Is a cross, much like TP cross, about same met.
and general appearance.

ha

104 B5319A1 Full Length (4 Rows)

CP231 x CI-8970

all early, v. few plants as late as C.P.

ha

105 B5338A1 (14 Rows) $\frac{1}{3}$ L
 $\frac{1}{3}$ (TPx (R x 7689)) B4030A3-13 x B4512A1-32 Row

ALL SINGLE ROWS from 106 and up

106 B5338A2 Row

B4030A3-13 x B4512A1-32

maturity much like TP's Recessed; prob.
 shorter than

107 B5338A3

B4030A3-13 x B4512A1-32 Row

Same as 106

108 B5338A4 ($\frac{1}{3}$ Full Length)
 B4030A3-13 x B4512A1-32 Row

208 B5338A5

B4030A3-13 x B4512A1-32 Row

OK

206 B5338A6

B4030A3-13 x B4512A1-32

OK. same as 207

low

207 B5338A7

B4030A3-13 x B4512A1-32

Is a cross, short straw, earliness,
improved quality,

low

208 ~~B5338A4~~ BLANK

~~B4030A3-13 x B4512A1-32~~

305 B4512A1-20(1)

Parent

306 B4512A1-20(2)

Parent

307 B45/2A1-20 (3)

Parent

308 ~~B5338A4~~

BLANK

~~B4030A3-13 x B45/2A1-32.~~

109 Medium Red
(Century Type)

has

Has Red seed coat, maybe some
with white seed coat, not mature enough
to tell for sure on 10/17.

110 Zenith 1

111 Zenith 2

m grams
 Moist Brown Total HEAD
 11.0 96.03 82.1259.06

112 Zenith 3

209 Zenith 4

See

210 Zenith 5

211 Zenith 6

212 B5320A1 ✓ See 309; 310;
CP-231 x Texas Patna

Do a cross, have all earthen, have Co resist
green stain, CP mit + ht; and TP gal & grain shape

309 B53 20A2

CP-231 x Texas Patna

Is a cross (see 212, & 310)

310 B5320 A3

CP231 x Texas Patna

OK, see 212 and 309

311 B5322A1 Not a cross

CP231 x HO-10-1

all gold & uniform med, not a cross

312 B53 24A1 Prob. Not a cross, but

CP231 x B4545A2-1 appears to long 2d
to C.P. see 409 & 410 for crosses

409 B5324A2 A cross, reg. mat, R

CP231 x B4545A2-1 Same rechar.

Should get next flag, CP mat & good
gold (check 4545A for gold) had prob been
sent to Campbell

410 B5324A3 Is a cross low
 CP 231 x B4545A1-2
 Same as 409

411 B5328A1 A cross low
 CP 231 x F₁ (CP 231 x CI-8150)
 all are early (CP or earlier) + all are
 long sl. grain, Same from all
 plants. (8150 is good qual)

412 B5331A1 A cross
 BBt 50 x HO-10-1
 (Is like 414; 415 & 416)

113 B5343A1 1/2 Length low
 B53-~~8991~~ x Zenith
 8991
 Is a cross, segs. rough & smooth

114 B5343A2 1/2 Length
 B53-~~8991~~ x Zenith
 8991
 All smooth, not a cross

115

B5342A1

low

B53-8860 x Zenith

Is a cross, segs. rough + smooth

116

B5335A3

good for Co. seed and
improved quality, BBT type

BBT-50 x HO-341-1-1-1

some segs. smooth, Is all smooth Is a
Cross and appears to be O.K. (all straw hulls)
make so many self-seeds possible, BBT mat

113

B5335A2

BBT-50 x HO-341-1-1-1

O.K. is like 214,

114

B5335A1

BBT-50 x HO-341-1-1-1

OK, is a cross, select for Co. seed; Hor. seed
green straw, BBT mat, + green straw

115

B5334A1

low

CP-231 x B4030A3-13

Is a Cross, has short straw, Same earls
for green straw; Co. seed; a good quality;
and short straw.

2
316 B5333A2
CP231X HO-341-1

Is a cross, some segs. for mat. Some
earlier for HO result

3
413 B5333A1 Is a cross but not CP + HO
CP231 X HO-341-1
med-gr. and rough types are present

3
414 B5331A4, A cross, all are smooth,
BBT-50 X HO-10-1-1-1
Segs for grain length; some are shorter than
BBT 50)

3
415 B5331A3 A cross like 314
BBT-50 X HO-10-1-1-1

3
416 B5331A2 A cross like 314
BBT-50 X HO-10-1-1-1

117 B5335A3
BBT-50xHO-341-1-1-1
2 sprin OK, same as 116

118 B5342A1 low
B53-8860x Zenith
segs. rough and smooth, is a cross

119 B5343A2? X
B53-8991x Zenith
not a cross, is all smooth.

120 B5343A1 low
B53-8991x Zenith
O.K. segs. rough & smooth

217 B~~53~~⁵³43A2 low
B53-8991x Zenith
is a cross, segs. rough & smooth

218 B5343A3

B53-8991 x Zenith

low

2 or a cross, sep. rough + smooth

(219)
(319)
(419) B5343A4

B53-8991 x Zenith

low

2 or a cross, sep. rough + smooth

220 B5343A5

B53-8991 x Zenith

low

2 or O.K., sep. rough + smooth.

(317) B5343A6

(417)

B53-8991 x Zenith

X

Only v. few plants all are rough, prob a cross
but not enough plants to throw Smooths,

(318) B5343A7

(418)

B53-8991 x Zenith

low

A cross sep. rough + smooth

(319)
(419)
(219)

~~96-1~~
~~See 219~~

Unknown?

Long sl. grain age mat; hull color
pubescent

(320)
(420)

~~96-1~~
no 320

121 Cent 5 $\frac{1}{2}$ Length (East)

122 Cent 4 $\frac{1}{2}$ Length "

123 Cent - 2 $\frac{1}{3}$ Length "

124 Cent - 1 $\frac{1}{3}$ Length "

~~125~~

221 Cent - 4 $\frac{1}{2}$ Length (West)

222 Cent - 3 " "

223 Cent - 6 $\frac{1}{3}$ Length (center)

224 Cent - 5 " (center)

321 Cent - 4 (See 221)

322 Cent - 3 (See 222)

323 Cent - 2 ($\frac{1}{3}$ Length (West)

324 Cent - 1, $\frac{1}{3}$ Length (West)

125 Cent 6 $\frac{1}{3}$ length (East)

126 Cent 7 " "

127 Cent 8 " "

128 Cent 9 " "

225 Cent 10 $\frac{1}{3}$ length (center)

226 " " "

227 " " "

228 " " "

325 ~~B~~4512A1-20 $\frac{1}{3}$ length (West)

326 " " "

327 " " "

328 " " "

129 (Full Length)
B4512A1-20

224 2

Sown July 21, 1954

³²¹ 130 CI-8970 Rogue (1954 Crop)

About 22 sel. made on 12/1/54
 Not been ripe 30 days or more.

³²² 131 B5324A1

CP231 x B4545A2-1

16 sel. made on 12/1/54

³²³ 132 B5324A2

CP231 x B4545A2-1

12 sel. made on 12/1/54

³²⁴ 133 B5324A3_{ne} (1954 Crop)

CP231 x B4545A2-1

230 B5334A1

CP231 x B4030A3-13

8 sel. on 12/1/54

231 B5334A2

CP231 x B4030 A3-13

~~def. tail and 9 sub made on~~
12/1/54 9 sub made on 12/1/54

232 B5339A9

Dwarf TP x CP231

14 tails + 9 shorts on 12/1/54

233 B5339A2

Dwarf TP x CP231

sub made 12/1/54

330 B5339A3,

Dwarf TP x CP231

18 sub 12/1/54

331 B5339A4

Dwarf TP x CP231

(11 sub)

Sub made on 12/1/54

332 B5339A5

Dwarf TP x CP23/

12 sub on 12/1/54

333 B5339A6

Dwarf TP x CP23/

13 sub on 12/1/54

430 B5339A8

Dwarf TP x CP23/

431 B5339A9

Dwarf TP x CP23/

229

329

429

14 sub on 12/1/54

3 more from 430

432

433



Dr after 10/20

608 row 3

~~653 row 3~~

663 3d 4
4+5

678 3d 4

679 3d 4

~~683 3d 4~~

691 3d 4

695 - 3d 4

706 - 4+5

708 - 3d 4

711 - 3d 4

712 - row 6

✓ 720 row 3+5

✓ 721 4 rows

✓ 722 1+2

✓ 724 3d 4

✓ 725 3d 4

✓ 728 (4+5)

✓ 729 (4+3)

730 (10u all rows)

736 all rows

737 (2+3) (4+5)

738 (2+3) (4+5)

Grassy dwarf in plot. 696 (see order)
7/2

L 1954

F₃ Bulk ed Hybrid Pop

Book-8 1001-1141

UNITED STATES
DEPARTMENT OF AGRICULTURE

FIELD NOTES

AGRICULTURAL RESEARCH ADMINISTRATION
BUREAU OF PLANT INDUSTRY, SOILS, AND
AGRICULTURAL ENGINEERING
DIVISION OF COTTON AND OTHER FIBER CROPS
AND DISEASES

Robt. H. Smith

If this notebook is lost will finder please mail to:
U. S. DEPARTMENT OF AGRICULTURE
Bureau of Plant Industry, Soils, and
Agricultural Engineering,
Division of Cotton and Other Fiber Crops
and Diseases
Washington 25, D. C.

16-61780-1

SUGGESTIONS CONCERNING FIELD DATA AND NOTES

DIVISION OF COTTON AND OTHER FIBER CROPS AND DISEASES

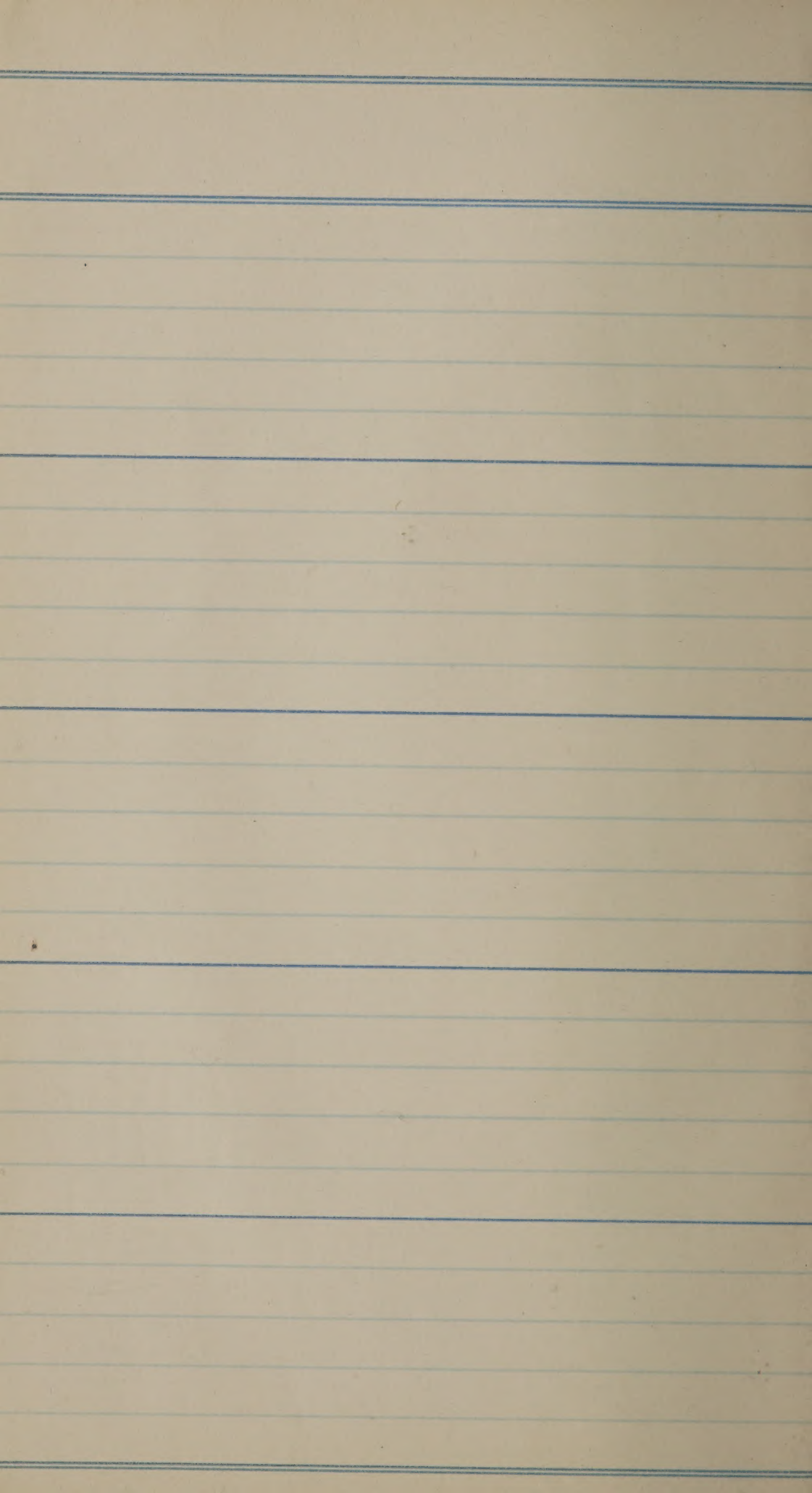
It is suggested that the following general information be recorded for each field experiment:

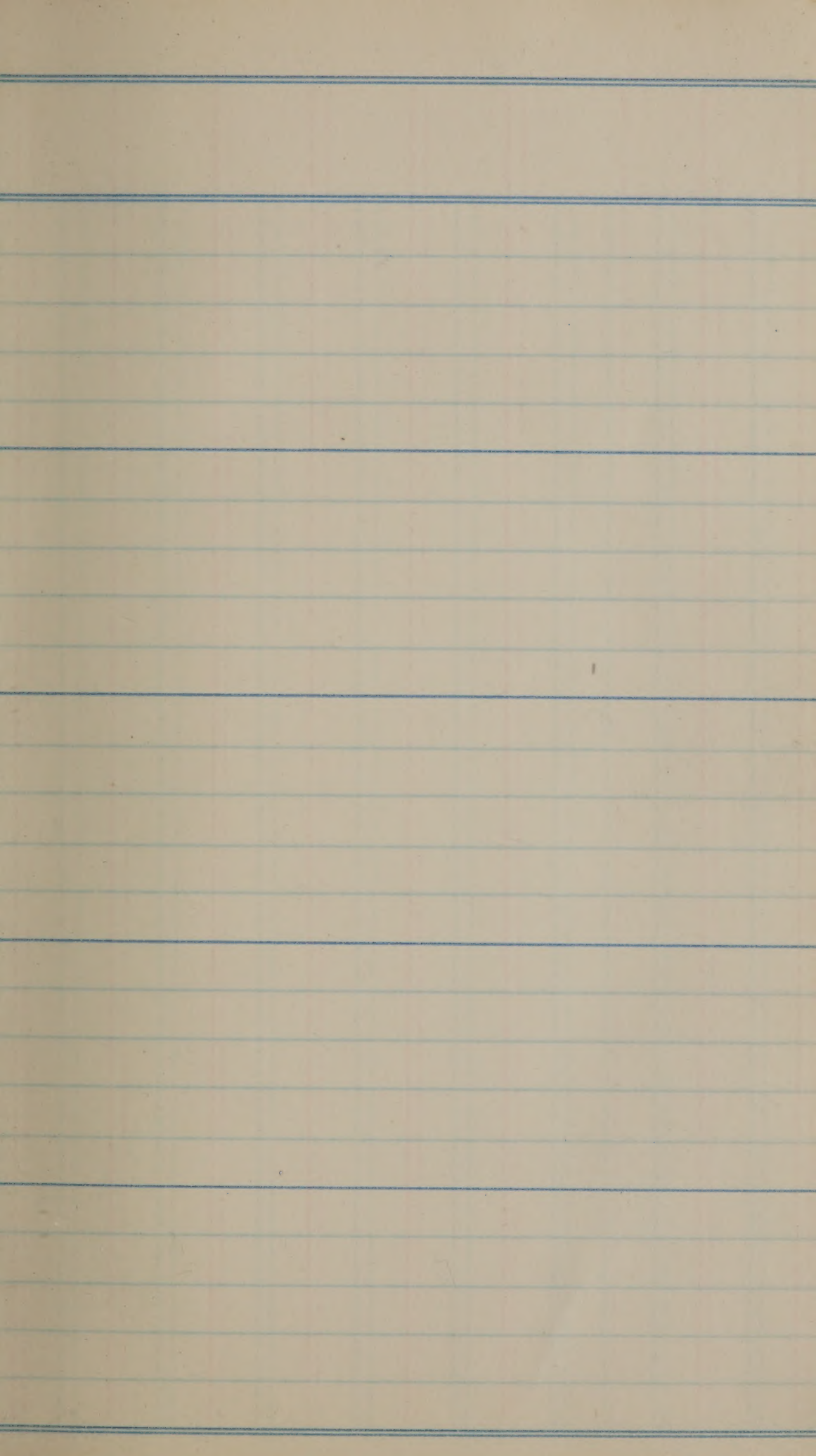
1. Name of experiment or study.
2. Soil type.
3. Previous crops and fertilizers (2 years).
4. Preparation of land: (a) Methods (b) Dates
5. Size of plot:
(a) Area in square feet (b) Number of rows
(c) Length of rows (d) Width of rows
6. Fertilizer:
(b) Analysis (N-P-K) (a) Pounds per acre
(d) Method of application (c) Time of application
(e) Side dressings
7. Planting: (a) Date (b) Rate (c) Method
8. Thinning: (a) Date (b) Method (c) Approximate optimum spacing attempted
9. Cultivation: (a) Implements used (b) Dates
10. Dates at which all notes and samples are taken.
11. Dates of pickings.

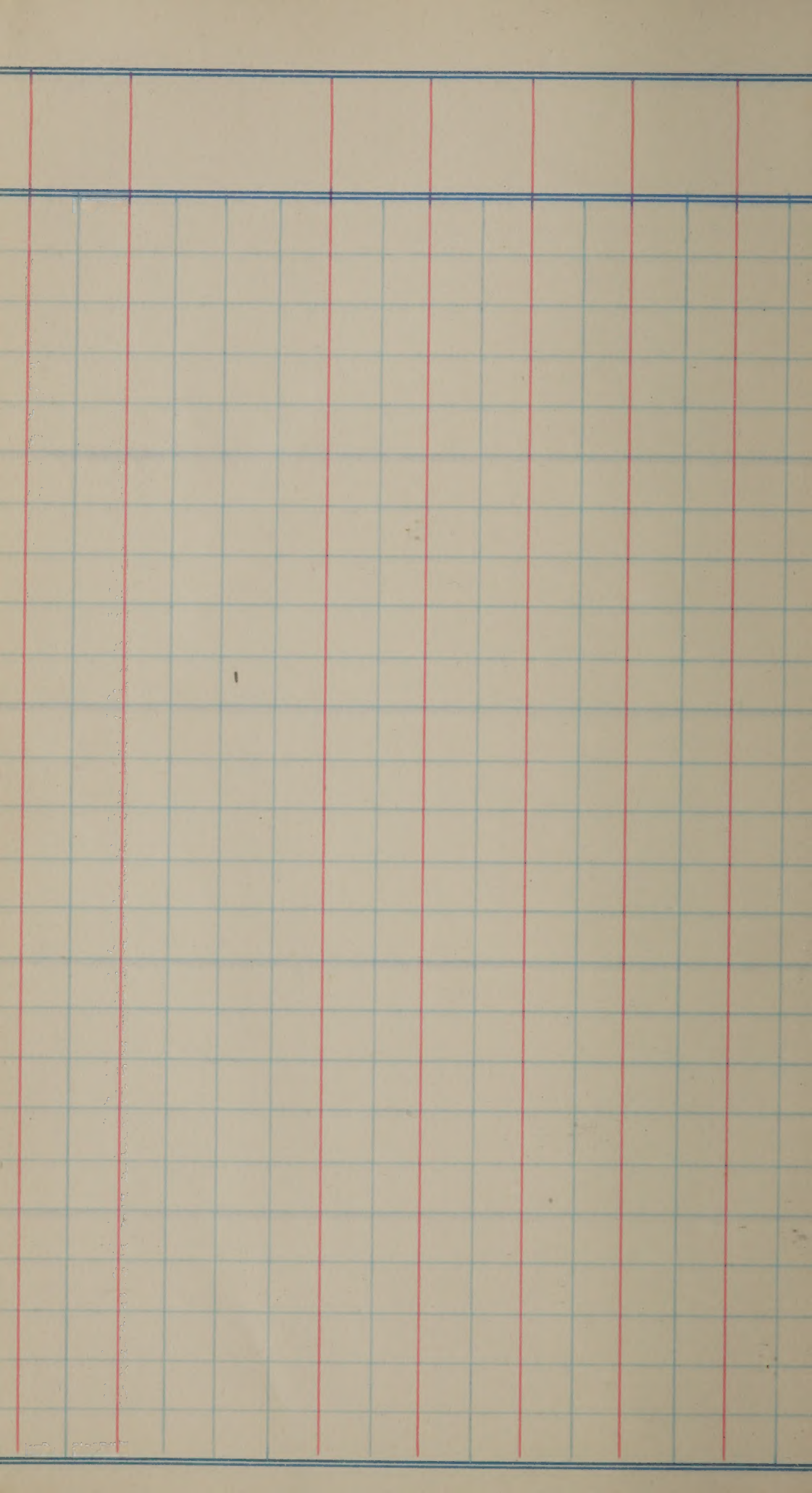
The following suggestions are made in regard to recording data:

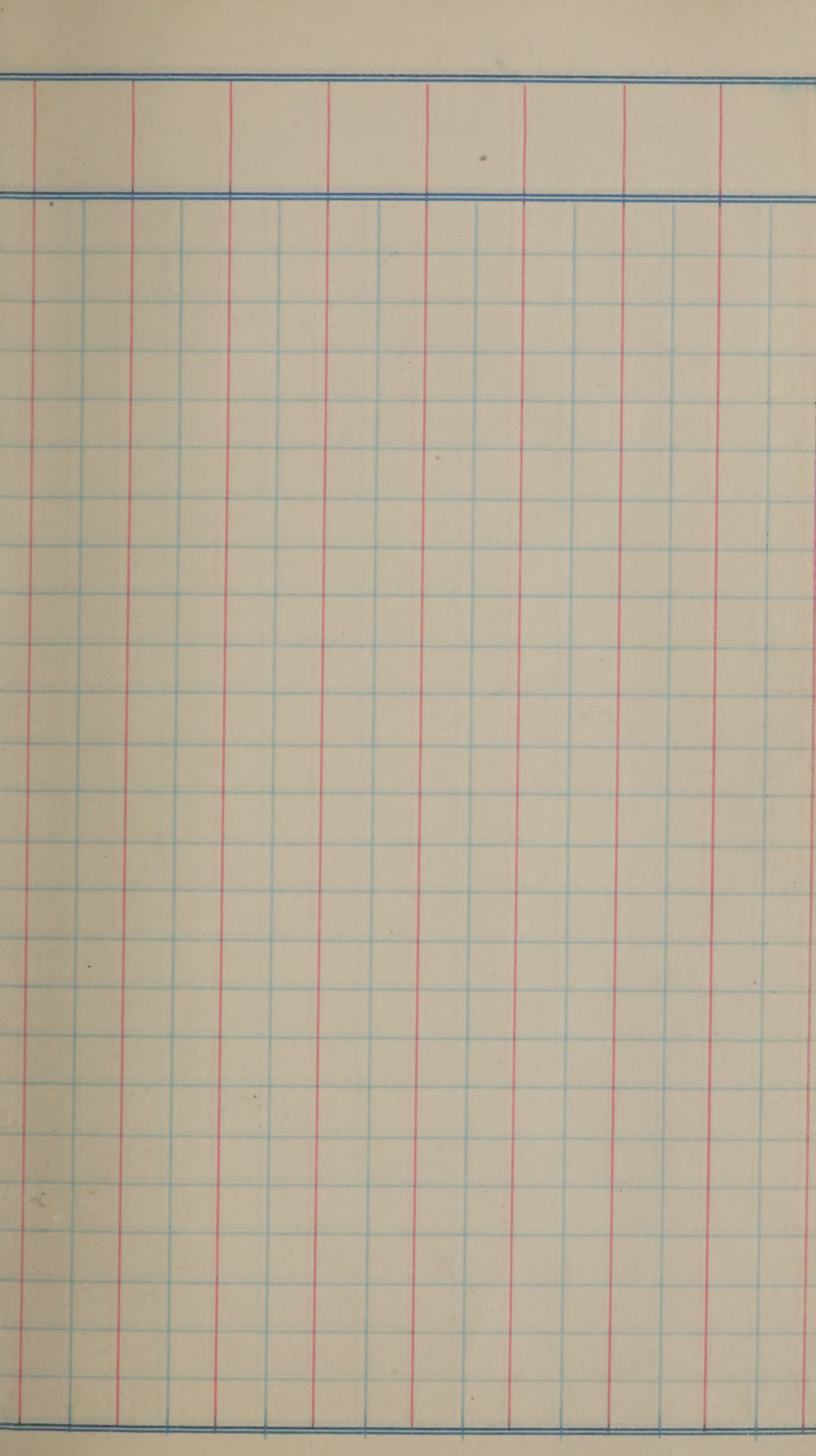
1. Record all dates as figures, giving the month and day of month, as 5/16 (May 16).
2. Record all field weights in pounds and decimal fractions of pounds. The requisite accuracy depends somewhat on the size of sample, but for ordinary size plots 0.1 pound is usually satisfactory. It is suggested that small samples be weighed more accurately (0.01 pound).
3. Estimations, such as seeding vigor, shedding, color, etc., may be recorded either numerically or with letter designations, as is found convenient; for example (seeding vigor), 1=Excellent, 2=Good, 3=Medium, 4=Fair, and 5=Poor; or E=Excellent, G=Good, M=Medium, F=Fair, and P=Poor. An explanation of legends should be recorded for each variable and experiment.
4. Diseases and insect pests.
(a) GENERAL.—Attack by diseases or insect pests should be recorded by suitable legends to indicate type of disease or pest, percent of plants killed or affected, and in serious attacks, estimating crop loss. For example, FW *5/35-7. (Footnote* Fusarium wilt 5 percent plants killed, 35 percent affected, 7 percent loss estimated).
(b) SPECIAL.—Where the book is used for taking notes on regional field tests on disease resistance, treatments, etc., it is suggested that directions which are furnished for taking uniform data be pasted, or copied, in the front of the book.
5. Diagram, to scale, the block on which each experiment is conducted, showing visible soil differences, variable plant response attributable to soil differences, drainage, or unequal irrigation, slope of land or contours, and any other features which may materially assist in interpreting the results. The square ruled paper in the front of the book may be found useful for this purpose.
6. Explain clearly all legends used.
7. Identify all experiments as to location on blocks and YEAR.

For types of experiments for which this book does not provide ample page space, larger sheets should be utilized. In taking data, which are to be reported in this book, or on larger sheets especially provided, the field or laboratory determination should be written directly at the time of weighing or otherwise determining, and submitted to Washington, or filed as the permanent record. Avoid all possible transcribing or typing of raw data.









1 Harvested 4 rows, 18 feet long

F3 B505A1-2, 101 9/2
1001 CP231xHO12
Breath slightly cloudy. Firm
mess ok. Considerable number
of clean cut grains with
acceptable size. Considerable
variation in lengths - some too long, others too short
excessive checked grains. Fair number of splits
& partial or incipient splits.

B505A1-8 102 8/25
1002 CP231xHO12 3824 9/6
Breath slightly cloudy.
Slightly too soft.
Considerable number ok grains but too
many checks, ragged ends & edges. Some very
bad splits nearly entire length of grain.

B505A1-9, 103 8/25
1003 CP231xHO12
Breath extremely turbid.
3825 Soft & mushy. Too short,
wide & nearly all split. Very good
appearance.

B505A1-11, 104 8/31
1004 CP231xHO12
(Satisfactory) 3827
Breath clarity ok. Firm
mess just about equal to
control. Many good grains with few checks, ragged
edges & splits making its overall appearance just
acceptable.

B505A1-13, 105 8/28
1005 CP231xHO12
Breath quite cloudy.
3829 Much too soft. Many
short, wide, broken, checked & split grains.
Overall very ragged.

23 not harvested

Sl. H.	Total Rice	Loose	crack	Loose
--------	------------	-------	-------	-------

S	72.0			
---	------	--	--	--

Loose CO, sand shortest, stand
and those with crest flags
has v. green straw, slow leaf drying
looks good in field. not too tall

	84.0	13.0	3 1/2	17.5
--	------	------	-------	------

S	68.8			
---	------	--	--	--

Loose CO fairly full & some
leaf drying, not a good
looking as 1001. Spikes
cleaned, v. green, slow leaf drying
and flags not too tall

Leaves	70.2			
--------	------	--	--	--

Leaves good in field, not too
tall

	81.5			
	-9.0	1	-	

MR	70.0			
----	------	--	--	--

Preh. 20.00, rather under
leaves, v. little CO, very plot.
Loose, shorter straw, thick ears
in shortness of panicle ears, 2s
v. good except for ht.

	-4.5			
	86.0	1 1/2	47.0	38.5

S	68.0			
---	------	--	--	--

not as tall or as heavy looking
as 1001, more leaf drying at base

Easin	above TP check	cook. Value
-------	----------------------	----------------

89%	3	3½
-----	---	----

81.5	-9	1
------	----	---

86	-4.5	1½
----	------	----

Index
cont. 1956

22

42

90

52

86

- 106 8/30
 B505A1-15,
 1006 CP231 x H012
 Brath slightly too cloudy
 slightly too soft. Some
 grains OK, but too many splits, some checks,
 + some ragged edges.
- 107 9/1
 B505A1-27,
 1007 CP231 x H012
 Brath clarity slightly too
 cloudy. Firmness OK but slight
 mealy texture. Some grain
 OK but most slightly too wide with excessive checks
 + splits and/or splitting ends.
- 108 8/25
 B505A1-18,
 1008 CP231 x H012
 Brath clarity equals control
 firmness just slightly too
 soft. Considerable number
 OK but too many checks, ragged edges + some
 split ends giving overall ragged appearance.
- 109 8/29
 B505A1-28,
 1009 CP231 x H012
 Brath clarity equal to
 control. Firmness accept-
 able. Few or some grains
 with acceptable size &
 appearance but too many short wide grains
 with split and/or splitting ends.
- 110 8/31
 B505A1-29,
 1010 CP231 x H012 (satisfactory)
 Brath fairly clear. Firm-
 ness good. Many OK
 grains. Some defects of all kinds but not
 excessive.

st Head	Total rice	Essence	carb	iodine
---------	---------------	---------	------	--------

Suse 69.2

about like 1004 for lit, good
looking except for plant
prob. narrower leaves than 1004
1. good Same egg for gram
length breadth.

Seg 72.4

Too tall, like 1004; rather wide
leaves but v. clean for disease.

82.5

-0.5

3 1/2

23.0

Suse 73.2

Fairly short strong prob one
of earliest looks reasonably good
v. good looking gram

82.0

-1.5

2 1/2

23.5

Seg 70.6

one of very best for field appearance
v. green strong CP appearance
not too tall watch

76.5

-9.5

3

33.5

not at 73.0

5: take or Br. nurse

rather less not as sturdy as 1004

not too promising

83.5

-2.0

76.5

-9.5

2

37

42.3

82.5	-0.5	3 1/2
------	------	-------

82.0	-1.5	$2\frac{1}{2}$
------	------	----------------

 $76.5 - 9.5 = 3$

83.5 - 7.0 2

20 June
act 1956

41

38

45

42

36

B505A1-30,

111

9/1

1011 CP231 x H012

Satisfactory

(Satisfactory)

3846

Broth clarity equal controls. Many of

few short grains & splits. Firmness just slightly softer than control.

B505A1-34,

112

8/25

1012 CP231 x H012

Broth very turbid.

3850

much too soft,

almost mushy. Too much variation of grain size. Excessive checks & split.

B505A1-38,

113

8/31

1013 CP231 x H012

Broth slightly too turbid. Some grains with acceptable size & appearance

3854

+ good firmness & texture. Excessive or many short wide, curled & split grains which were mushy.

B505A1-44,

114

8/29

1014 CP231 x H012

Broth rather clear.

3860

Numerous split &

ragged ends. Curled grains. Texture too soft.

to. H¹ Total
Rice

S 68.4
quite tall, long plot but
stem not too sturdy.

65.5 48

-19.5 $1\frac{1}{2}$ 44.0

65.5 129.5 276

S 73.3
fairly tall, trace CO
fairly green stem

? 70.6
tall green straw long plot
leaving slightly

eg? 70.3
some CO, drying back.
Just then some not too
tally good green shape

$$65.5 - 19.5 \quad 1\frac{1}{2}$$

Zodini est
1956

49

38

51

77

201 9/3
 B505A1-45, CP231 x H012 201
 1015 ✓
 3861 OK. Nearly all split.
 wide & split. Very mushy.

202 8/29
 B505A1-56, CP231 x H012, 202
 1016 ✓
 3872 Brath too cloudy. Much
 too soft. Very few acceptable
 grains. Most too wide & too short. Many ragged
 ends & splits. Few checks.

203 8/24^{5g}
 B505A1-59, CP231 x H012, 203
 1017 ✓
 3875 Brath rather cloudy.
 Very soft & mushy.
 None OK. Very ragged ends & many splits.
 Poor overall appearance.

204 9/26
 B505A1-62, CP231 x H012 204
 1018 ✓
 3878 Brath clarity OK. Firm-
 ness OK. Fair number
 of OK grains but too
 many checks, ragged edges & short wide grains with
 splitting ends. Overall appearance too ragged.

205 8/14^{5g} 9/5
 B505A1-63, 205
 1019 CP231 x H012
 3879 Brath cloudy. Numerous
 split and ragged
 ends, checks. Too soft.

Str. 1st
Total
rice

S 72.0
green stem practically no
Co. not too tall

66.0
-19.0 1 72.5

S 69.0
Too tall, leaning, some
C.O., dead leaves at base, leaves
wide, not good agronomically

Seg? 69.2
not too tall, v. bad for
if drying; S to C.O.

79.5
-11.0 1 80.5

Seg? 71.3
leaning sl. on '0/13; Uniform
Plot) v. little C.O., green
leaves. grains other plant 34.0
81.0 -3.0 2 1/2

Save long slender grain types

Seg? 71.9
Rather tall, appears sl
not strongly leaning,

66.0 - 19. 1

79.5 - 11. 1.

81.0 - 3.0 $2\frac{1}{2}$

Zohnei
art, 1956

85

86

50

61

52

B505A1-66, ²⁰⁶ 206 9/30
 1020 CP231 x H012
 3882
 number of OK grains but an excessive number of checks, some ragged edges & short wide splitting grains gave it an overall ragged appearance.

B505A1-67, ²⁰⁷ 207 9/30
 1021 CP231 x H012
 3883
 Broth rather clear. Numerous checks & many ragged ends.

B504A1-110, ²⁰⁸ 208 9/29
 1022 Z x B433A2-6
 4512
 Broth cloudy. Grains small with many ragged and split ends. Texture too soft.

B502A2-1, Bht x CP231 ²⁰⁹ 209 9/3
 1023 (Satisfactory)
 Satisfactory
 4518
 Broth clear. Few ragged ends. Firm texture. Overall appearance OK.

B502A2-2, Bht x CP ²¹⁰ 210 9/1
 1024
 4519
 Broth very turbid. Soft & mushy. None OK. All too wide, short & splitting. Very poor appearance.

Str Hd	Total Rice			
S	73.6	green straw, v little C.O. Taller than describe looks good.		
S	73.0	v. little C.O., green straw, standing ok thinks good; some leaf drying		
S	70.0	v. sturdy straw, only 2 rows planted; large stems wide leaves, consid. drying		
R	71.7	a green strawed E.B.S. 1. good looking plot, straw hulls, green neg.; no C.O.; considered good; rather wide leaves thick straw, not too tall	84.0 -1.0	23.5
R	71.8	bad for leaf drying; consid C.O., rather tall;	75.0 -9.5	1 —

84.0	-1.0	3
------	------	---

75.0	-9.5	1
------	------	---

56

22

72

23

70

B508 A2-76,

211

211

1025 ✓ Bht x HO10

Broth excessively turbid. Grains

4220

very soft. Great variations of length & width. Many checked grains, nearly all checked. Very ragged.

B502 A2-3, Bht x CP231

212

212

1026 ✓

8/24
Broth rather cloudy. Firmness just slightly too soft. Some grain OK but many of clean cut

4520

appearance slightly too wide. Considerable size variation. Some checks, ragged edges & excessive ragged ends with splitting.

B502 A2-6, Bht x CP31,

213

213

1027 ✓

8/28
Broth clarity OK. Firmness about equal to control. Variable widths grains. Some very wide & splitting.

4523

Some checks, ragged edges but excessive splitting ends. Just slightly too ragged overall.

B502 A2-7, Bht x CP31,

214

214

1028 ✓

(Satisfactory) ^{etc} Broth clarity good. Firmer than control.

4524

Many good sized & appearing grains. Few defectives but not excessive.

Str No	Total Rice			
Intermed	73.6			
a v. green stained BBT, wide leaves; v. little leaf drying, v. good.				
	74.5			
	-9.0	3	25.0	
not at E. Lake or Br. Lake	71.0			
Some leaf drying; rather tall; Some C.O. and fair;				
	92.0			
	+1.5	3	19.5	
Seqv	71.7			
1 bud for leaf drying; good, other since leaves rather wide, some C.O.				
	88.5			
	-2.0	2	-	
light R	71.8			
bad strong v. good, Seqv for Co and shorter stand, good type eg. from leaves & width				
	92.0			
	+1.5	3	-25.0	

74.5 - 9.0 3

92.0 + 1.5 3

88.5 - 2 2

92.0 + 1.5 3

Joshua
act. 1956

24

22

40

30

(satisfactory)

B502A2-8, BHL x CP231 ³⁰¹ 9/4
 1029 ✓ Firmness and broth
 satisfactory ✓ 4525 clarity about equal to
 central. Many good looking, clean cut
 grains. Some splitting but not excessive.

B502A2-9, BHL x CP231, ³⁰² 9/2
 1030 ✓ Broth too cloudy. Soft
 4526 & mushy. None OK.

Too wide with many splitting. Some
 ragged edges.

B502A2-11, BHL x ³⁰³ 9/2
 1031 ✓ CP231
 Broth slightly cloudy
 stopped here 12 noon 10/13 4528 Numerous split
 ends. Few checked grains. Too
 soft.

B502A2-12, BHL ³⁰⁴ 8/26
 1032 ✓ x CP231
 Broth very turbid. Mushy
 4529 texture. None OK. Too
 wide, split with many ragged ends &
 splits.

B502A2-16, BHL x CP231 ³⁰⁵ 9/2
 1033 ✓
 Broth slightly cloudy.
 4533 Numerous split and
 ragged ends. Few checked grains. Too
 soft.

the Total
Hd Rice

R 71.2

Short straw, leaves not too wide
but wider than CP; some leaf
drying; some C.O. looks good
except for Co + drying Bad for H.O.

90.0
-0.5 3 -

R 71.2

Rather tall, small stems
Some CO + some leaf drying

83.5
-2.5 2 33.5

S + leaf 71.4

V. sturdy straw, med wide
leaves, some CO + some leaf
drying looks v. good

R + leaf 70.6

Considerable leaf drying Some
CO, look bad for H.O. Part Early

78.5 - 6.0 = 72.5

Int + leaf 69.6

green straw, bad for H.O.
some C.O.

90.0 - 0.5 3

83.5	-2.5	2
------	------	---

78.5	-6.0	2
------	------	---

200 miles
Oct 1956

30

39

51

37

81

- B502 A2-18, Bht x ³⁰⁶ 9/4
 1034 ✓ CP231
 4535 Broth slightly too cloudy.
 Some grains too soft.
 Some (fair number) with clean cut edges but
 slightly wide. Too many wide, splitting & ragged ends.
- B502 A2-19, Bht x ³⁰⁷ 9/3
 1035 ✓ CP231.
 4536 numerous ragged grains
 & many checked. Broth
 clear.
- B502 A2-20, Bht x ³⁰⁸
 1036 ✓ CP231
 4537 Broth much too cloudy. All
 grains too wide. Many ragged
 and/or split ends. Texture very soft, almost mushy.
 Very ragged appearance.
- B502 A2-23, ³⁰⁹ 9/3
 1037 Bht x CP231
 4540 Broth clear. Many
 splits and ragged
 ends.
- B502 A2-24, Bht ³¹⁰ 8/27_{Seg}
 1038 ✓ x CP231
 4541 Broth clarity OK. Slightly
 too soft. Very few clean cut
 grains. Most too wide with excessive splits and/or
 ragged ends.

str pd	Total Rice			
S	72.3			
v. short straw, leaves only sh. br than C.P. green straw. Prod early as C.P. Watch, Broad grain short straw in 1953 & in 1954 Sels beds E. Lake				

Sepv	75.1			
Rather tall, leafy, some leaf drying, v little C.O.				

Succ	69.4			
quite short straw some without CO Some succ & some with leaf drying				

Sepv	72.6			
Rather tall & leafy; wide leaves some leaf drying				

Sepv	69.4			
tall & leafy some CO, some leaf drying				

[illegible]

Dodine
Oct, 1956

41

59

23

82

B502A2-28, BHL x 311 7/4
 1039 ✓ CP 231
 disc 4545 Brath clear. Grains
 with numerous split ends.

B502A2-30, BHL x 312 9/4
 1040 ✓ CP 231 (3 v. g. 8/15)
 d 4547 Brath clear. Numerous
 broken pieces, ragged ends and checks.

B502A2-31, BHL x 313 8/3
 1041 ✓ CP 231
 4548 Brath clear, Grains
 large with numerous
 broken pieces & split ends.

B502A2-32, BHL x 314 9/1
 1042 ✓ CP 231
 disc 4549 Brath excessively cloudy, no
 appearance. Most too broad with ragged edges, ends
 and splits. Too soft a texture.

S 74.3

Wide leaves bad for Ho, some CO,
rather tall, Too leafy

Sept 74.0

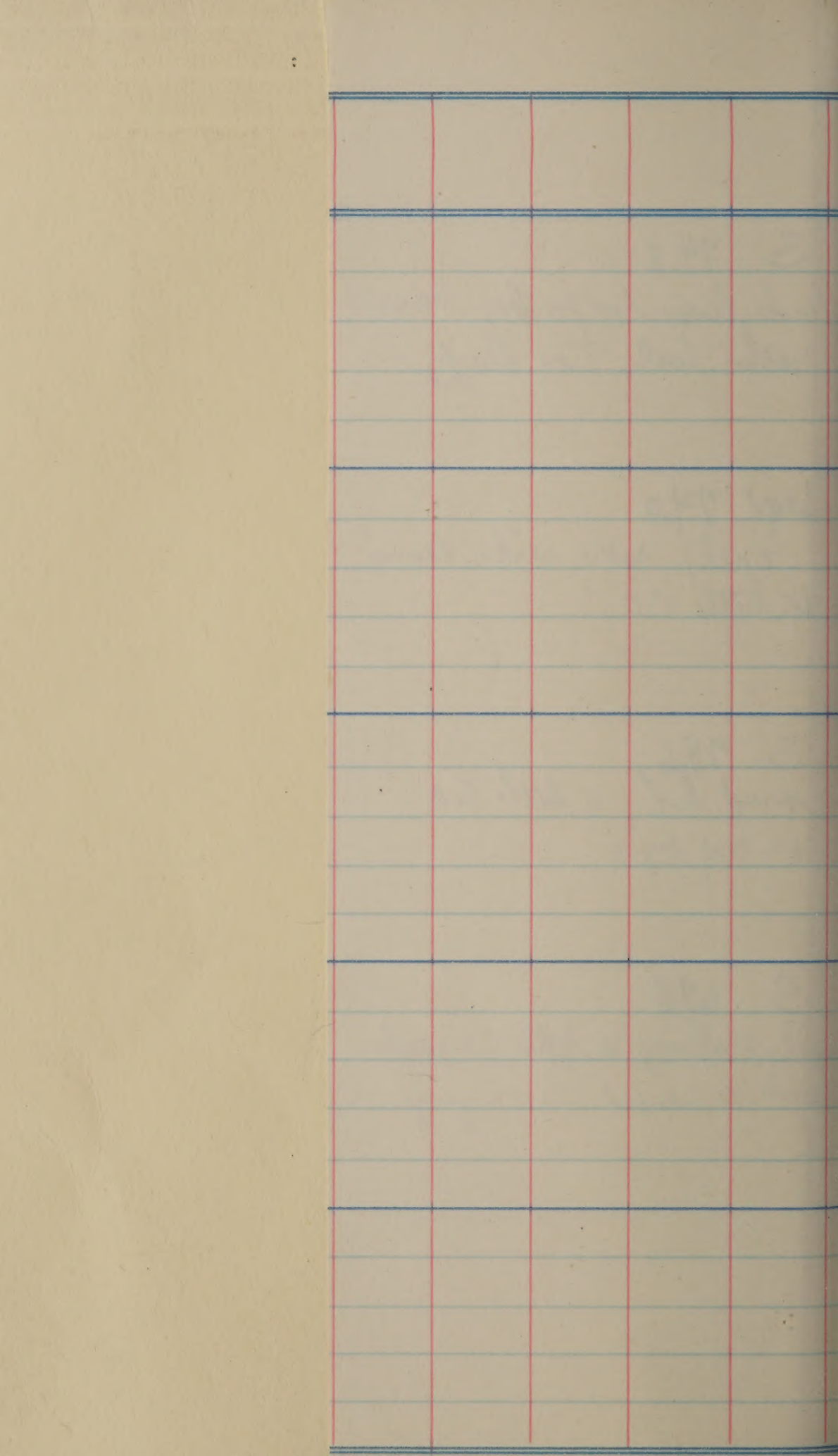
Tall, rather wide leaves
v. little C.O.

S 74.6

med ht. v little C.O,
or leaf drying

S 67.8

Short straw, v little CO; rather
early, or could leaf drying



Zodius, est.
1956

34

28

~~27~~

B504A1-61, Ix ⁴⁰¹ 9/29
 1043 B433A2-6 ⁴⁰¹ 9/29
 4453

B502A2-36, Bht x ⁴⁰² 9/3
 1044 CP231 ⁴⁰² 9/3
 4553 Brath clear. Numerous
 ends. Texture soft, checked grains, ragged

B502A2-38, Bht x ⁴⁰³ 9/2
 1045 CP231 ⁴⁰³ 9/2
 4555 Brath clear. Many spli
 ends. Few curled.
 Overall grains too soft.

B502A2-39, Bht ⁴⁰⁴ 8/29
 1046 x CP231 ⁴⁰⁴ 8/29
 4556 Brath clear. Many
 ends. Few curled. Too soft. split and ragged

B502A2-40, Bht x ⁴⁰⁵
 1047 CP231 ⁴⁰⁵
 4557 Brath cloudy. Few
 split ends. Soft texture. curled grains. Many

str. Hd	Total Riv			
	4553			

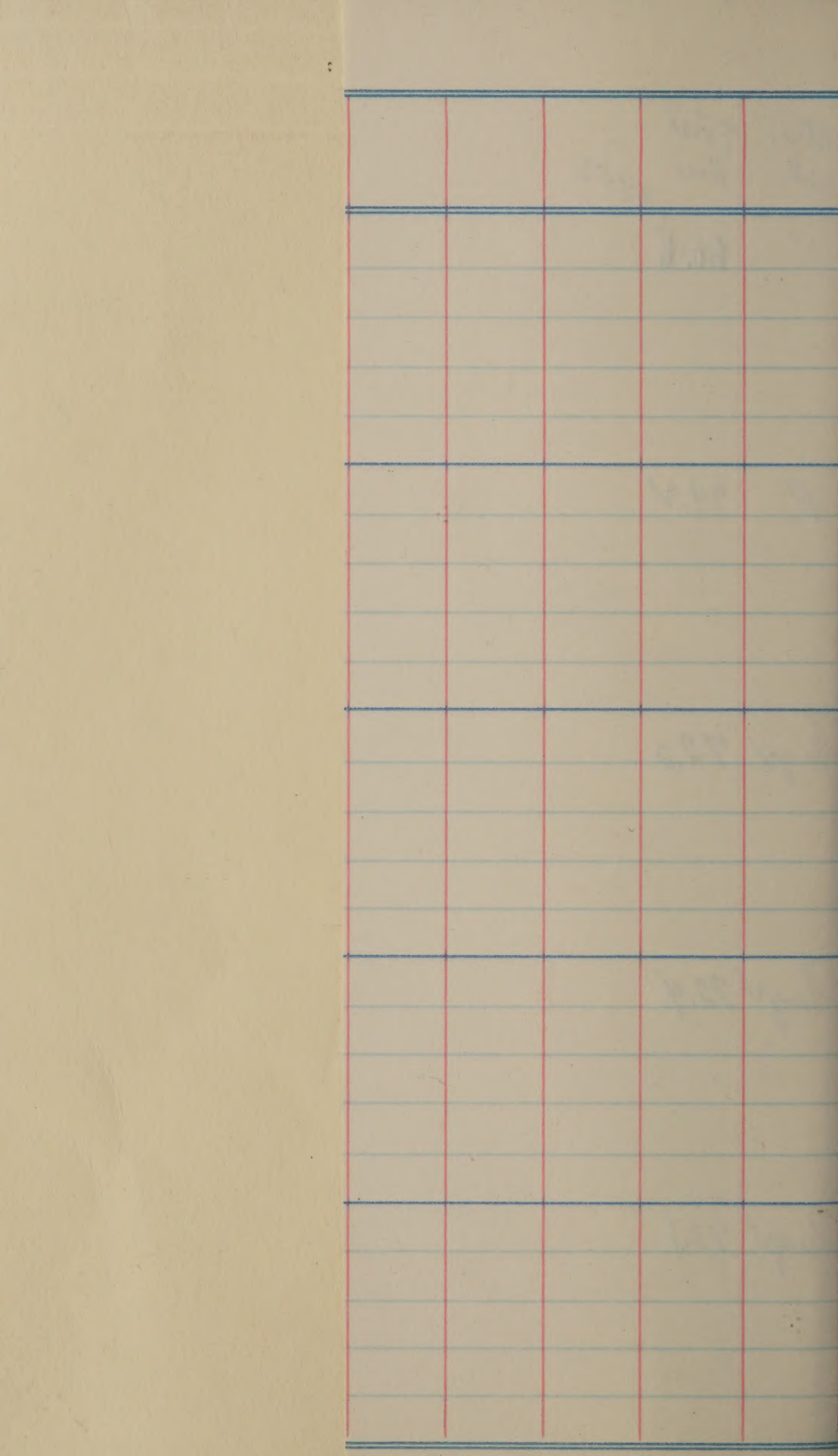
R	60.6			
---	------	--	--	--

R	74.2			
---	------	--	--	--

Segv	72.0			
------	------	--	--	--

Segv	72.9			
------	------	--	--	--

Segv	73.1			
------	------	--	--	--



2nd mi
act. 1956

79

34

45

45

45

B502A2-43, Bht x
1048 CP 231

406
406 9/4

Breath clear. Many
ragged and split
ends with a few broken pieces.

B502A2-44, Bht x
1049 CP 231

407
407 9/29

Breath clear. Many
checked. Numerous
broken pieces. Few curled grains.

B502A2-45, Bht
1050 x CP 231

408
408

Breath clear. Grains
too large. Numerous
ragged ends and checks. Texture rather
firm.

B502A2-46, Bht x
1051 CP 231

409
409

Breath clear. Grains
large. Numerous
ragged ends. Too soft.

B502A2-48, Bht x
1052 CP 231

410
410

Breath excessively turbid.
None acceptable. Most
grains too wide with many variable lengths. Ragged
and split ends. ~~Admixture~~ crumbly texture.

str Id	Total Rue			
-----------	--------------	--	--	--

Segv.	73.6			
-------	------	--	--	--

R	72.1			
---	------	--	--	--

Segv.	74.1			
-------	------	--	--	--

89.5

+1.5	3	26.0
------	---	------

Segv.	72.0			
-------	------	--	--	--

Segv.	69.1			
-------	------	--	--	--

80.5

-3.5	2	39.5
------	---	------

87.5 +1.5 3

80.5 -3.5 2

Zodine
aut. 1956

28

29

25

43

52

- B502A2-50, Bht x ⁴¹¹
 1053 @ P 231 ⁴¹¹ Brath extremely cloudy.
 4567 All grains defective, split
 ragged ends and edges. Rather soft mushy
 texture.
- B502A2-51, Bht x ⁴¹²
 1054 CP 231 ⁴¹² 9/4 Brath very cloudy. None
 4568 acceptable. Wide, ragged
 and splitting ends. Very soft or mushy. Very
 ragged appearance.
- B502A2-57, Bht x ⁴¹³
 1055 @ P 231 ⁴¹³ 8/24 Brath clear. Grains
 4574 large. Split and
 ragged ends. Soft texture.
- B502A2-59, Bht x ⁴¹⁴
 1056 @ P 231 ⁴¹⁴ Brath clear. Grains
 4576 large. Many broken
 pieces and split ends.

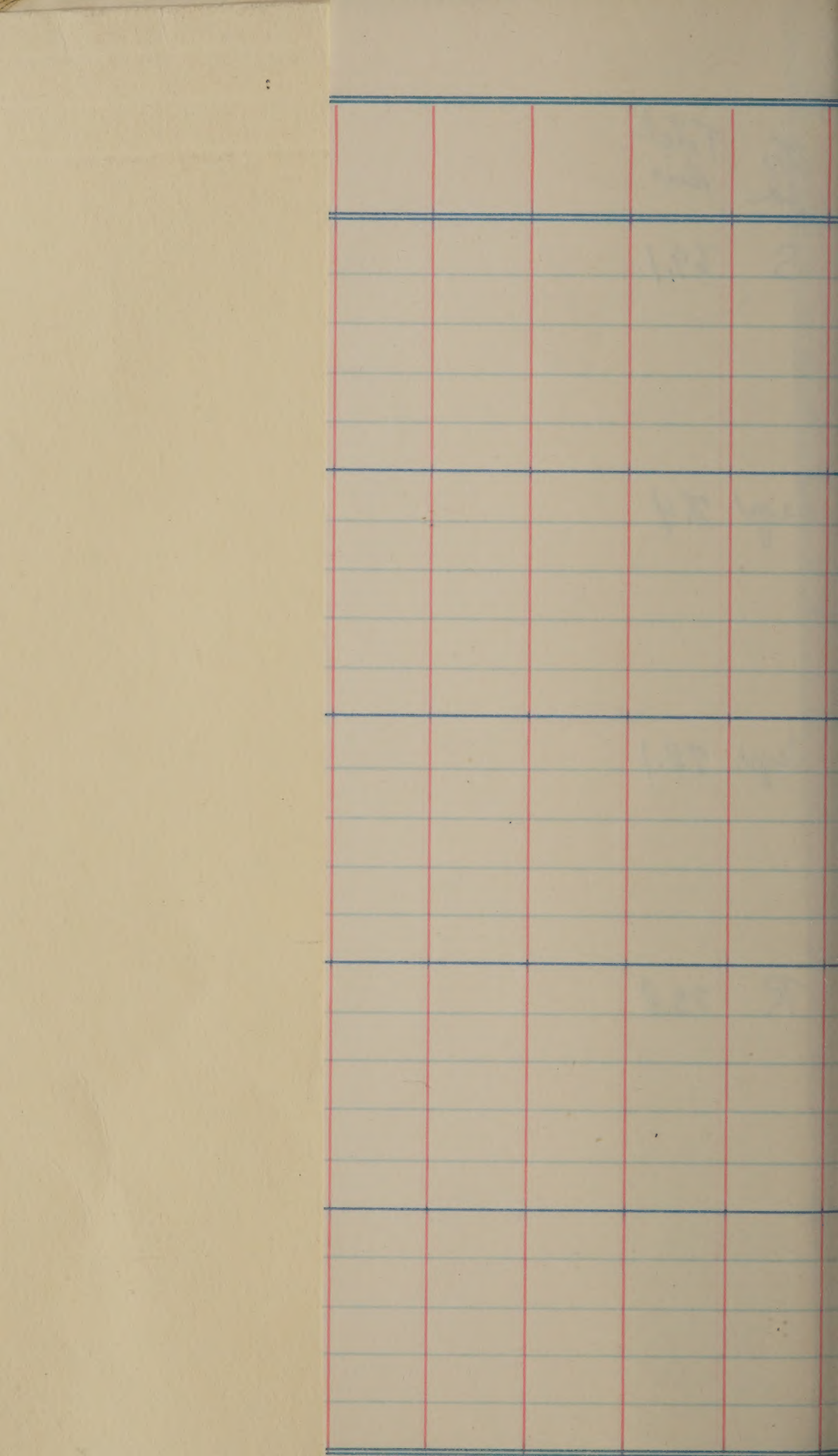
Str Hd	Total Rise			
-----------	---------------	--	--	--

S	69.1			
---	------	--	--	--

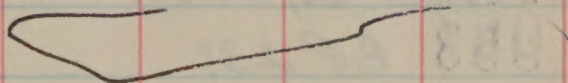
Segv	71.4			
------	------	--	--	--

Segv.	73.1			
-------	------	--	--	--

R	73.8			
---	------	--	--	--



Johnie
act. 1956



81

51

57

42

- B502A2-60, Bht x 115
 1057 CP 231
 4577 Brath only slightly turbid. Firmness equal to control. Few number of cleaved cut acceptable grains but too many short wide grains with very ragged and split ends, giving too ragged overall appearance.
- B502A2-61, Bht x 116
 1058 CP 231
 4578 Brath too cloudy. Grains too soft. Excessive ragged & splitting ends. Non-uniform sized grains. Ragged overall appearance.
- B502A2-66, Bht 117
 1059 x CP 231 (Satisfactory)
 4583 Brath clarity equal to control. Many acceptable grains. Grains slightly longer than control sample. Few ragged ends, edges & checks but overall appearance slightly better than control. Firmness equal to control.
- B502A2-69, Bht x 118
 1060 CP 231
 4586 Brath clear. Grains longer. Split and ragged ends.
- B502A2-74, Bht 119
 1061 x CP 231
 4601

Str Hd	Total Rise			
-----------	---------------	--	--	--

R	70.8			
---	------	--	--	--

74.0

-11.0

3

31.0

Segv. 68.0

Susc 72.1

86.0

+3.0

3

23.5

Segv. 73.8

78.5

-7.5

$1\frac{1}{2}$

39.0

S 69.8

74.0 -11.0 3

26.0 +3.0 3

78.5 -7.5 $1\frac{1}{2}$

Zodni
oct. 1956

31

48

22

46

39

B502A3-1, Bht x CP231 ¹²⁰
1062

Broth too cloudy. Grains

4714 Too soft. Variable sizes.

Ragged edges and ends + some splits.

B502A2-77, Bht x ¹²¹
1063 CP231 ¹²¹

Broth clarity about same as control. Fair number of acceptable sized and

4604

appearance but too many ragged + split grains. Texture just a little too soft.

B502A2-78, Bht x ¹²²
1064 CP231 ¹²²

4605

B502A2-79, Bht ¹²³
1065 x CP231 ¹²³

Broth slightly too cloudy.

4606 Variable sized grains. Most too

wide with excessive amount of checks, splits + ragged edges + ends. Slightly too soft.

B502A2-84, Bht x ¹²⁴
1066 CP231 ¹²⁴

4611

Qty. Hd	Total Rice			
Segu	70.3			
S	69.9			
		86.0		
		0	2	38.5
S	72.4			
v. short strain, Excellent green texture in field, due to v. but for field appearance.				
S	71.3			
rather bad for leaf drying				
R	70.1			
green strain, v. lush C.D., A very good c p type				

2nd ed
1956

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28

28

B502A2-85, Bbt x 125

1067 CP 231

46" high

Brain very cloudy. Grains

4612

almost mushy. None OK. Too

wide with nearly all defective with ragged edges, ends & splits.

B502A2-86, Bbt x 126

1068 CP 231

" 47"

4613

B502A2-91, Bbt x 127

1069 CP 231

4618

B502A2-96, Bbt x 128

1070 CP 231

Satisfactory

4623

Satisfactory

str

S 69.8

Rather short stem
more dry than
1066,

Intermed 70.8

Rather tall, large stems v. good
producer, BBT type, fairly green
straw. Some with v. short stems,
are they short? or not?
large for

legs 71.0
straw hulls not too tall,
rather open panicle
v.

Sept. 72.1

Rather short stem, v. little C₉,
green straw, leaves not too wide
gold hulls, good C₉ type.

86.0

31.0

+2.5

3

—

26.0	+2.5	3.0	5
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Zodine
Oct. 1956

80

34

27

B502A2-97, ²¹⁵
 1071 Bht x CP231 ²¹⁵

4624

B502A2-98, ²¹⁶
 1072 Bht x CP231 ²¹⁶

Satisfactory

— (Satisfactory)

Broth very slightly more turbid

4625

than control. Many OK grains.

Firmness about same as control. Few checks, ragged edges and ends but not too excessive.

B502A2-99, Bht x CP231 ²¹⁷
 1073 ²¹⁷

Broth clarity equal to control. A few grains with acceptable size but nearly all too wide and within variable lengths.

4626

excessive ragged & split grains with a few checks and curved grains. Too ragged overall & slightly too soft.

B502A2-102, Bht x ²¹⁸
 1074 ²¹⁸ CP231

Broth too cloudy. Too soft. Grains wide with ragged and/or split ends.

4629

Variable lengths giving overall ragged appearance.

B502A2-103, Bht x ²¹⁹
 1075 ²¹⁹ CP231

4630

Str. Hd	Total Rice			
------------	---------------	--	--	--

Segv	70.5			
Bad for leaf drying,				

R	68.3			
green straw, not too tall, Some CO, only fair				

	87.5			
	+3.0	2 $\frac{1}{2}$	-	

R	69.4			
mostly green straw fairly tall, leaves med. width, fairly red,				

	80.0			
	-3.5	2	44.0	

S	71.6			
Rather tall consid leaf drying best appearance				

Segv	71.7			
green straw, rather tall, looks productive, no C.D. or v. little				

87.5 +3.0 2½ S

80.0 -3.5 2 Inter

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23

45

46

B502A2-105, Bbt x Cent. ²²⁰
 1076

4632

B502A2-106, Bbt x ²²¹
 1077 CP 231 ²²¹

4633

Satisfactory

B502A2-107, Bbt x ²²²
 1078 CP 231 ²²²

4634

B502A2-108, Bbt x ²²³
 1079 CP 231 ²²³

4635

Breath much too cloudy
 Grains much softer than
 central. excessive split

and ragged ends. Many grains too wide
 and with variable lengths.

B502A2-110, Bbt x ²²⁴
 1080 CP 231 ²²⁴

4637

Str. Hd	Total Rec			
S	70.0			
shorter stem than some trace C.O. some leaf drying				
R+ Segs	71.2			
v. bad for leaf drying rather tall, many broken over when banded 10/15				
	79.5			
	-5.0	3	31.5	
S	69.5			
Green stem, no C.O.				
S	70.4			
S	68.5			
Short stem, green stem but some C.O., sturdy stem, good				

79.5	-5.0	3	S
------	------	---	---

2nd
ext. 1956

50

36

78

79

B502A2-104, Bht x 225
 1081 ✓ CP231 225
 4631

B502A2-113, Bht x 226
 1082 ✓ CP231 226 (Satisfactory)
 Satisfactory ✓ 4640
 Broth clarity equal to control. Grain size & appearance acceptable. Some defects of all kinds, but not too excessive. Firmness just about equal to control.

B502A2-114, Bht x 227
 1083 x CP231 227
 4641
 Broth very turbid, mushy texture. None acceptable. Nearly all grains defective. Wide with ragged edges, ends and splitting.

B502A2-119, Bht x 228
 1084 ✓ CP231 228 Satisfactory
 Satisfactory ✓ 4646
 Broth slightly less turbid than control. Size, firmness, and appearance of grains about same as control. Some defects but not too excessive.

Str. Hd.	Total Pud			
not at E. Lake	70.0			
v. good C P type				

R	71.6			
av. green stemmed type, fairly				
tall v. good now & productive	84.0			
	+0.5	2½	26.0	

Enter	69.9			
Good for green straw & CO used				
but heads appear rather light				

R	70.8			
Short straw, only fair for leaf				
young heads are rather short	85.5			
	-0.5	2½	23.0	

84.0	+0.5	$2\frac{1}{2}$	S
------	------	----------------	---

85.5	-0.5	$2\frac{1}{2}$	S
------	------	----------------	---

Zodni
act. 1956

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22

- B502A2-122, Bht x 315
1085 CP231 315
disc 4649 Brath very cloudy. none OK. Mushy texture. all too wide, many short
Excessive ragged, splits and some checks. Very ragged overall appearance.
- B502A2-127, Bht 316
1086 x CP231 316
4654 Brath clarity same as control. Few OK grains but variable widths and lengths with excessive number of curls, ragged edges + ends + splits
Slightly soft.
- B502A2-129, Bht 317
1087 x CP231 317
4656 Brath very cloudy. none OK. mushy, soft texture. Grain wide with variable long and nearly all with ragged edges + ends. Excessive splits and some checks. Very ragged overall appearance.
- B502A2-130, Bht 318
1088 x CP231 318
disc 4657 Brath very cloudy. Grain soft + mushy. None OK. Too wide with nearly all splitting and breaking up. Many ragged ends.
- B502A2-131, Bht 319
1089 x CP231 319
4658 Brath clarity OK. On soft side most grains wider than desired. Ragged ends, edges, splits + checks present in sufficient number to give it too ragged an overall appearance.

try. Total
hd. rice

age 68.8

only fair, rather bad for
drying, leaves rather narrow

not at E. Lake
70.4

bad for leaf drying, covered CO
rather tall, only fair
81.0
-3.0
79.5
~~71.5~~ 2½ 27.0

not at E. Lake

70.1 Ered flag, rather wide
much later than other plots, type
about 10/20, not typical of
then also from this cross, green
from in CO & short, strong straw

not at E. Lake

69.0
Tall & v. bad for leaf drying, +
CO, 22 typical of BKA.

R 72.8

green straw, rather tall but
thinner is excellent CP type in field
no CO.

82.5

-2.5 2½

79.5 - 4.5 $2\frac{1}{2}$ Inter

82.5 - 2.5 $2\frac{1}{2}$ Inter

Indine
Oct. 1956

27

24

B502A2-132, Bht x 320
 1090 CP 231 320
 disc 4659

B502A2-134, Bht x 321
 1091 CP 231 321
 disc 4661
 Brath very cloudy, all too wide. Some long some short. Very soft. many ragged ends, edged, + few checks and splits.

B502A2-138, Bht x 322
 1092 CP 231 322
 To here 4665

B502A2-142, Bht x 323
 1093 CP 231 323
 disc 4669
 Brath very turbid. Much soft texture. none OK. Variable sizes with many defective grains. Very undesirable appearance.

B502A2-144, Bht 324
 1094 x CP 231 324
 4671
 Brath slightly too turbid. Very few grains with acceptable size and appearance. Much too soft. many very ragged and twisted grains. Excessive splits and ragged ends. Rather ragged overall appearance.

Str. Hd.	Total Rice		
Segs	71.3		
to v. tall, no CO, lodging			
R	70.3		
rather tall, OK for green brown, v little CO.			
S	72.9		
Some CO, good for green straw rather tall but not too bad			
Segs	70.7		
Segs	69.4		
84.5 - 1.5 1 1/2 55.0			

84.5 -1.5 $1\frac{1}{2}$ poor

48

48

B502A2-150, Bht x 325

1095 CP 231

325

Broth too cloudy. Grains too
soft. Few had acceptable
size and appearance.

4677

but too many wide + short. grains with ragged
and/or split ends.

B502A2-154, Bht 326

1096 x CP 231

326

(satisfactory)

Satisfactory

4680

Broth rather clear firm
ness comparable to
Central. Many clear cut
grains. Very few splits, some ragged ends but
fairly good overall appearance.

B502A2-156, Bht 327

1097 x CP 231

327

4682

B502A2-158, Bht 328

1098 x CP 231

328

4684

Str. No.	Total Rice			
Segn	69.8			
R	70.4			
		87.0 -2.5	2½	-
Segn.	70.7			
R to intermediate	71.9			

87.0 - 2.5 $2\frac{1}{2}$ S

2nd time
act 1956

33

20

38

28

B502A2-160, Bht x 415 9/4
 1099 CP231

4686

B502A2-161, Bht 416 8/28
 1100 x CP231
 Also 4687
 Brath excessively cloudy.
 None OK. Very soft +
 mushy. All too wide
 with excessive number of splits. Very
 ragged appearance.

B502A2-165, Bht 417 9/1
 1101 x CP231
 Brath quite clear. Too soft.

4701 Excessive checks + some
 splits + ragged ends + edges. Some variation
 in grain size.

B502A2-171, Bht 418 9/3
 1102 x CP231

4707

B502A2-172, Bht 419 9/3
 1103 x CP231

4708

Str.	Total Rice
122	

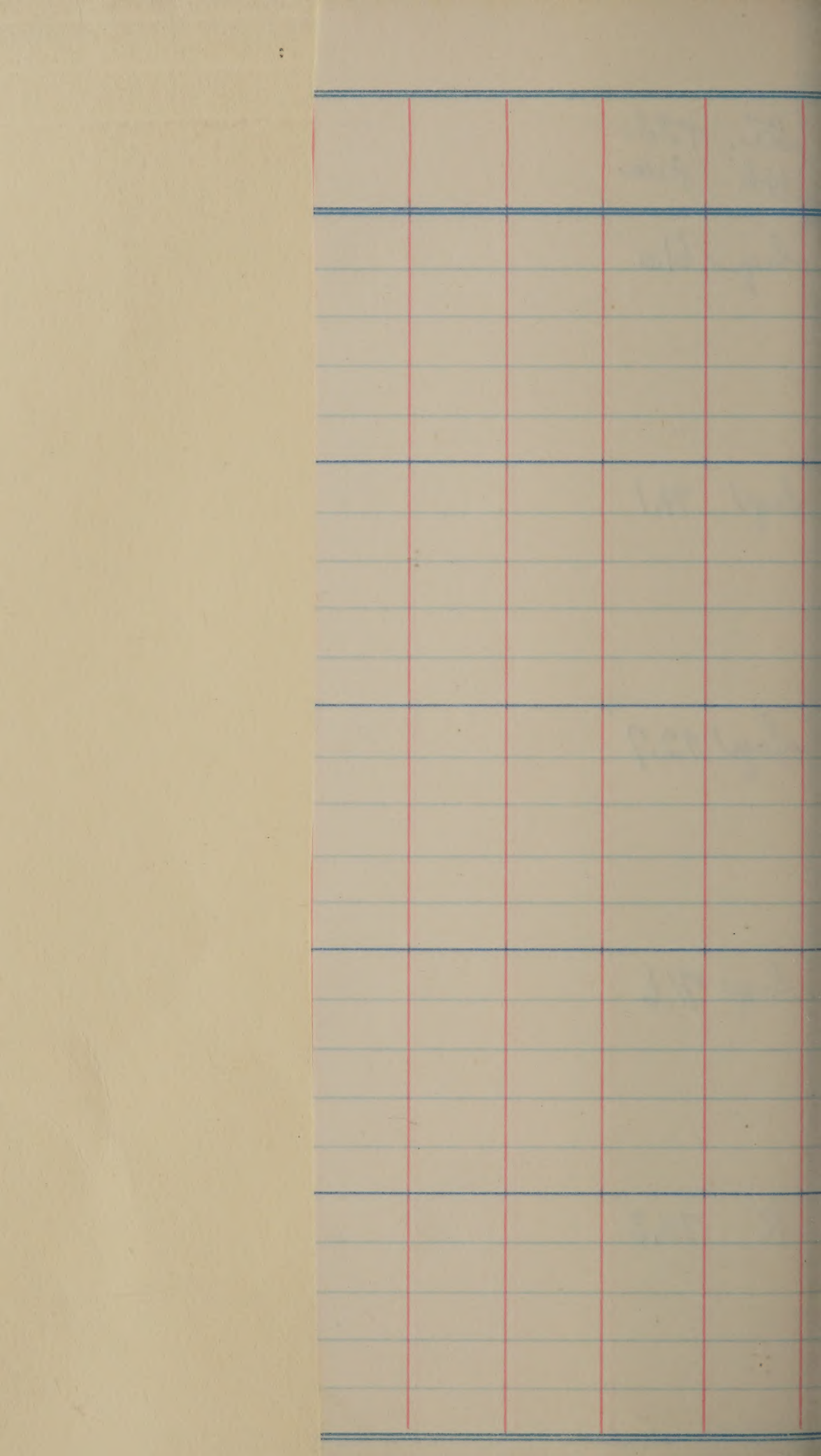
Sept 6/10

Segn 74.1

Sept 72.7

Sept 7.6

R	70.3
---	------



Donline
Oct. 1956

42

38

39

39

B502A2-76, Bht x CP231 ⁴²⁰

1104

^{9/1}

Crack too turbid, some grains

4603

with acceptable size + appear

but all much too soft. Many short, wide, with ragged + splitting ends.

B502A3-2, Bht x CP231

1105

⁴²¹

^{8/31}

4715

B502A3-16, Bht x CP231

1106

⁴²²

^{9/2}

4729

B502A3-18, Bht x CP231

1107

⁴²³

^{9/3}

4731

B502A3-28, Bht x CP231

1108

⁴²⁴

^{9/1}

4741

Itm #	Total Rice			
----------	---------------	--	--	--

S	70.2			
---	------	--	--	--

		79.0 -5.5	1½	-
--	--	--------------	----	---

S	71.5			
---	------	--	--	--

Seq.	70.3			
------	------	--	--	--

Seq.	72.1			
------	------	--	--	--

Seq.	71.1			
------	------	--	--	--

79.0 -5.5 $1\frac{1}{2}$ pow

44

40

22

B502A3-35, Bht x ⁴²⁵ 425 9/2
 1109 CP 231

4748

B502A3-38, Bht x ⁴²⁶ 426 9/2
 1110 CP 231

Brath too cloudy. Grains
 4750 rather soft. Few grains with
 acceptable size and appearance but excessive checks,
 spalls, and ragged edges.

B502A3-43, Bht ⁴²⁷ 427 9/4
 1111 x CP 231

Brath clarity OK. Grains too
 4756 soft. Too much variation in
 size. Excessive defects (spalls, checks, ragged) grains

B502A3-47, Bht x ⁴²⁸ 428 9/4
 1112 CP 231

Brath too turbid. Too soft.
 4760 Excessive sheet + wide grains
 with split and/or ragged ends.

~~~~~



| Str.<br>Hd | Total<br>Rice |      |   |      |
|------------|---------------|------|---|------|
| R          | 73.2          |      |   |      |
| Sequ.      | 70.0          |      |   |      |
| Sequ.      | 68.9          |      |   |      |
|            |               | 78.5 |   |      |
|            |               | -7.5 | 3 | 27.5 |
| S          | 72.2          |      |   |      |

78.5 - 7.5 3 Poor



Zohuni  
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53

27

B502 A3-51, Bht <sup>129</sup>1113 ✓ xCP 231 <sup>129</sup>

Satisfactory ✓

4764

(Satisfactory)

Broth rather clear. Firmness

acceptable. Rather uniform in size. Many good grains. Some defective but not excessive.

B502 A3-53, Bht x <sup>130</sup>1114 CP 231 <sup>130</sup>

Satisfactory ✓

4766 ✓

(Satisfactory)

Broth slightly too turbid.

Firmness as good as control. Some defective grains, but overall appearance just acceptable.

B502 A3-63, Bht <sup>131</sup>1115 xCP 231 <sup>131</sup>

4776 ✓

Broth Clarity OK. Firmness

OK. Fair number OK but too much variation in size with excessive splits, ragged edges and ends.

B502 A3-68, Bht <sup>132</sup>1116 xCP 231 <sup>132</sup>

4781 ✓

Broth slightly too cloudy.

Firmness about equal to control. Fair number of good appearing grains but too many checks, ragged edges &amp; splits. Too much variation in size.

B502 A3-73, Bht <sup>133</sup>1117 xCP 231 <sup>133</sup>

4786

Broth rather cloudy. Grains on

soft side. Most grains slightly too wide. Too many with ragged ends and/or split. Some checks and ragged edges.



S 71.6

no CO, v good green  
thinned row.

|      |   |      |
|------|---|------|
| 79.0 |   | 24   |
| -5.5 | 3 | 26.0 |
|      |   | 25.5 |

R 71.6

green straw v. good

|      |   |      |
|------|---|------|
| 86.0 | 3 | 25.0 |
| +2.5 |   |      |

Legv. 71.1

green straw some CO

|      |    |      |
|------|----|------|
| 83.0 |    |      |
| -2.0 | 2½ | 32.0 |

S 70.7

gold hulls rather tall green  
straw, good

|      |    |      |
|------|----|------|
| 83.0 |    |      |
| -3.5 | 2½ | 37.0 |

S 71.1

v. short straw saved for  
this season, green straw  
v little CO, (straw hulls)

79.0 -5.5 3 S

86.0 +2.5 3 S

83.0 -2.0  $2\frac{1}{2}$  good

83.0 -3.5  $2\frac{1}{2}$  Inter



2nd  
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25

25

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34

42

B502A3-78, Bht x 134 9/2  
1118 CP 231

4801 ✓

B502A3-82, Bht  
1119 x CP 231

135 (petrospectum)

Satisfactory ✓

4805 ✓

Brath clearer than control  
fineness equal to control  
many OK grains, possibly  
slightly larger than

control. Some defects: splits, ragged edges & ends.  
few checks but acceptable.

B502A3-95, Bht x 229  
1120 CP 231

Satisfactory

4818 ✓

B502A3-97, Bht  
1121 x CP 231

230 8/30

Satisfactory ✓

4820 ✓

Satisfactory

B502A3-102, Bht  
1122 x CP 231

231 8/26

4825 ✓



str. Total  
Head Rec

R 73.1  
gold hulls, v. short straw,  
good, no CO, green straw

Segs. 71.6  
v. tall, fairly green straw,  
BBT leaf type, some CO,  
Hay gold. rather late  

$$\begin{array}{r} 85.0 \\ -0 \end{array} \quad 2\frac{1}{2} \quad \begin{array}{r} 25.0 \\ 21.5 \\ \hline 26.5 \end{array}$$

S 73.1  
Short straw, some CO,  
mild leaf drying,  
gold hulls  

$$\begin{array}{r} 83.0 \\ -0.5 \end{array} \quad 1\frac{1}{2} \quad 38.0$$

R 72.7  
Segs straw color, Tall  
some CO, green leaves

$$\begin{array}{r} 78.0 \\ -6.5 \end{array} \quad 2 \quad 0$$

Segs? 72.6  
Straw hulls, rather tall,  
green leaves, some with  
no CO

|      |   |                |   |
|------|---|----------------|---|
| 85.0 | 0 | $2\frac{1}{2}$ | S |
|------|---|----------------|---|

83.0 - 0.5  $1\frac{1}{2}$  S

|      |      |     |   |
|------|------|-----|---|
| 78.0 | -6.5 | 2.0 | 5 |
|------|------|-----|---|



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49

24

36

42

42

B502A3-106, Bht  
1123 x CP 231

232 9/1

Satisfactory

4829 ✓

Satisfactory

B502A3-109, Bht  
1124 x CP 231

233 9/5

4832 ✓

B502A3-118, Bht x  
1125 CP 231

234 9/4

4841 ✓

B502A3-89, Bht x  
1126 CP 231

235 9/2

(Satisfactory)

Boath slightly less cloudy than central.

4812 ✓

with the grains just slightly more fine

some splits + ragged edges but overall appearance just about equal to central.

Satisfactory



| Str. | Total |                      |                |      |
|------|-------|----------------------|----------------|------|
| Hd   | Rice  |                      |                |      |
| R    | 73.7  | $\frac{68.0}{-16.0}$ | $1\frac{1}{2}$ | 46.5 |

Gold hulls. rather short, sturdy  
 straw, green straw, Excellent  
 field appearance. Very yield  
 (one of outstanding lines)  $+++$

S 71.8  
 not as heavy as 1123 leaning,  
 sl. taller than 123, not  
 as heavy yield

S 73.7 Straight head  
 Extremely Susc<sup>To</sup> no heading at E. side  
 highly Susc to CO<sub>2</sub>, Sturdy straw  
 Bad for leaf drying

|   |      |                     |                |              |
|---|------|---------------------|----------------|--------------|
| S | 70.4 | $\frac{81.0}{-3.5}$ | $1\frac{1}{2}$ | 49.0<br>41.5 |
|---|------|---------------------|----------------|--------------|

Very leafy. Panicles are short  
 was soon v. thick. Hardly as  
 tall as CP soon v. thin  
 & adj to it, green straw  
 no CO. v. good.

68.0 -16.  $1\frac{1}{2}$  S

81.0 -3.5  $1\frac{1}{2}$  S



Zodini  
ent. 1956

40

26

34

47

B502 A3-52, Bht x Cent

1127

4765

Satisfactory

Satisfactory

B502 A3-61, Bht 330 8/24

1128

x CP 231

4774

B502 A3-67, Bht 331 8/31

1129

x CP 231

4780

Very turbid broth. Very soft & mushy. None OK. Very ragged overall appearance.

B502 A3-69, Bht

1130

x CP 231

332

(Satisfactory)  
Broth clarity OK. Firmness

Satisfactory

4782

just very slightly softer than control. Fairly uniform in size. Some defective grains but not too excessive. Overall appearance just acceptable.

B502 A3-76, Bht

1131

x CP 231

333

Broth slightly too cloudy.

4789

Slightly soft. Some OK, but too many ragged edges, splits, and/or ragged ends. Some curled and others very short.



| Str<br>Hd                   | Total<br>Rice |                                 |  |      |
|-----------------------------|---------------|---------------------------------|--|------|
| Segv. 72.2                  | <u>73.5</u>   | <sup>3</sup><br><del>10.0</del> |  | 27.0 |
| Straw hulls, V. short straw | -10.0         |                                 |  |      |
| V. green straw, No CO       |               |                                 |  | 25.0 |
| Watch                       |               |                                 |  | 25.0 |

Segv. 72.9  
 straw hulls Same CO  
 much green straw, not  
 too tall

S 74.8  
 Some CO, fairly hot for  
 drying. Only fair

R 69.0 79.5 3 31.0  
~~green~~ hulls, fairly tall 28  
 Prob Bkt, mat, leafy 30  
 Very plot. Prob. too leafy.

Segv 70.7  
 much like 11 30 but  
 more CO, straw hulls

73.5 -10 3 S

74.5 -5.5 3 S



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28

28

B502 A3-79, Bht

334

1132 x CP 231

4802 ✓

B502 A3-96, Bht

429 9/2

1133 x CP 231

4819 ✓

B502 A3-100, Bht

430

9/3

1134 x CP 231

Satisfactory

4823 ✓

Satisfactory ✓

B502 A3-103 Bht

431

9/2

1135 x CP 231

Satisfactory

4826 ✓

Satisfactory ✓

B502 A3-108, Bht

432

9/30

1136 x CP 231

4831 ✓



| Str.                                                                        | Total |  |  |  |
|-----------------------------------------------------------------------------|-------|--|--|--|
| Hd                                                                          | Rice  |  |  |  |
| S                                                                           | 73.3  |  |  |  |
| v. tall, as late as BBT,<br>large stems soon rather<br>thin gold hulls, dry |       |  |  |  |

|                                                         |      |  |  |  |
|---------------------------------------------------------|------|--|--|--|
| S                                                       | 70.1 |  |  |  |
| Short stem, gold. No CO<br>green stem, narrow<br>leaves |      |  |  |  |

|                                                                         |      |                     |                |      |
|-------------------------------------------------------------------------|------|---------------------|----------------|------|
| R                                                                       | 71.9 | $\frac{79.5}{-5.0}$ | $1\frac{1}{2}$ | 51.5 |
| green stem but some CO<br>fairly tall, good yield.<br>Sgr. offish color |      |                     |                |      |

|                                                                               |      |                    |   |      |
|-------------------------------------------------------------------------------|------|--------------------|---|------|
| S                                                                             | 71.1 | $\frac{86.0}{0.0}$ | 3 | 31.0 |
| gold hulls, fairly early<br>med ht., good, narrow<br>leaves, but rather leafy |      |                    |   |      |

|      |      |  |  |  |
|------|------|--|--|--|
| Sept | 72.7 |  |  |  |
|------|------|--|--|--|

79,5 - 5,0  $1\frac{1}{2}$  S

|      |   |   |   |
|------|---|---|---|
| 86.0 | 0 | 3 | S |
|------|---|---|---|



50

33

B502A3-115, Bht x 433 <sup>8/31</sup> <sup>Leg</sup>  
 1137 CP 231

4838 ✓

B502A3-139, Bht x 434 <sup>8/31</sup>  
 1138 CP 231

4862

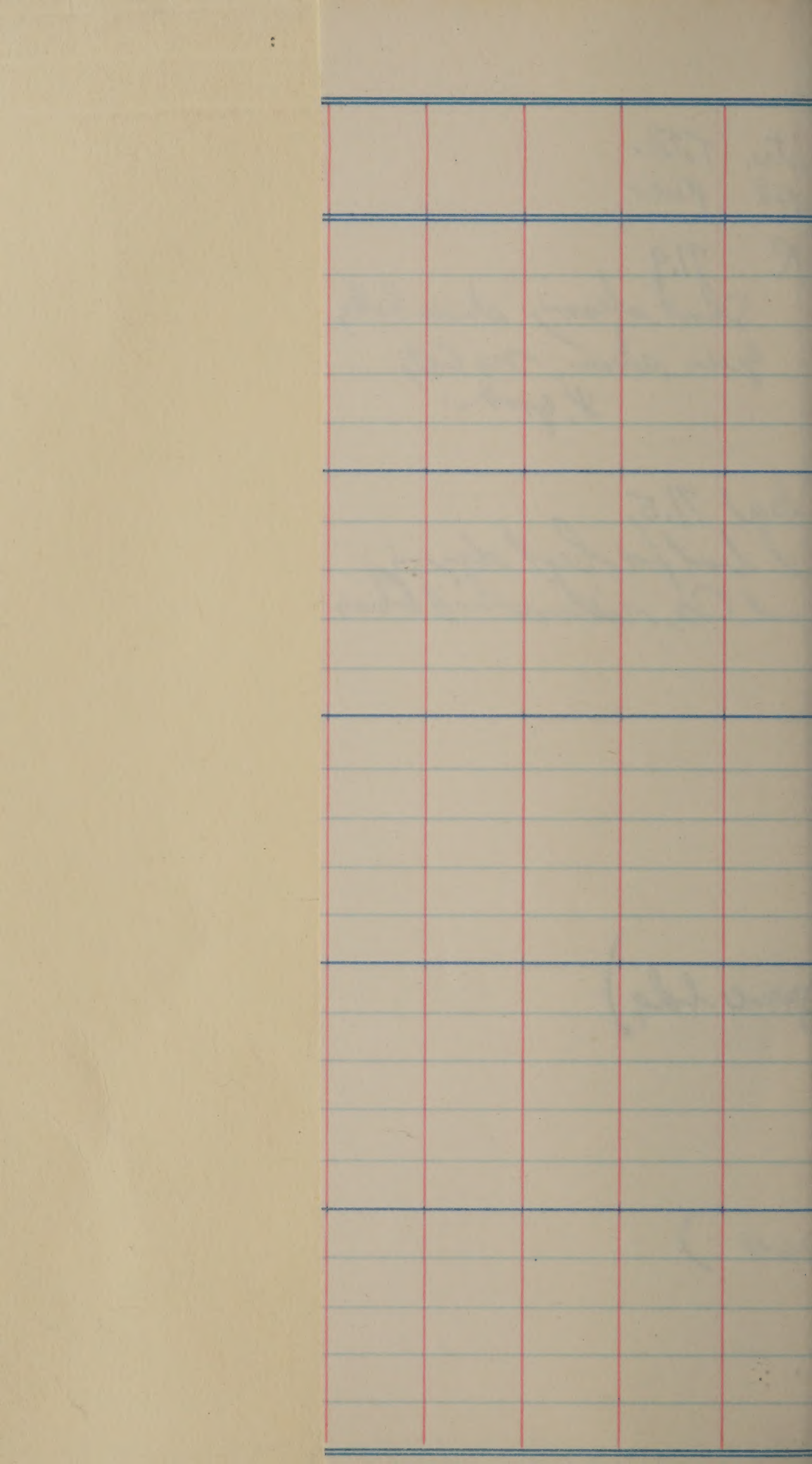
1139 TP (Gann Found)

1140 CP 231 (Date + Rate)

1141 BBT 50 (DATE SEEDING)



| Str.<br>Hd                                                  | Total<br>Rice |  |  |  |
|-------------------------------------------------------------|---------------|--|--|--|
| R                                                           | 71.9          |  |  |  |
| Short straw, straw bolls,<br>green straw no CO,<br>V. good. |               |  |  |  |
| Sept                                                        | 71.5          |  |  |  |
| V. bad for leaf dry in<br>and CO, rather short straw        |               |  |  |  |
| some (dry)                                                  |               |  |  |  |
| 64                                                          | )             |  |  |  |





Zodiar  
oct. 1956

46

981

49  
46  
48  
46

~

45  
44  
44  
43

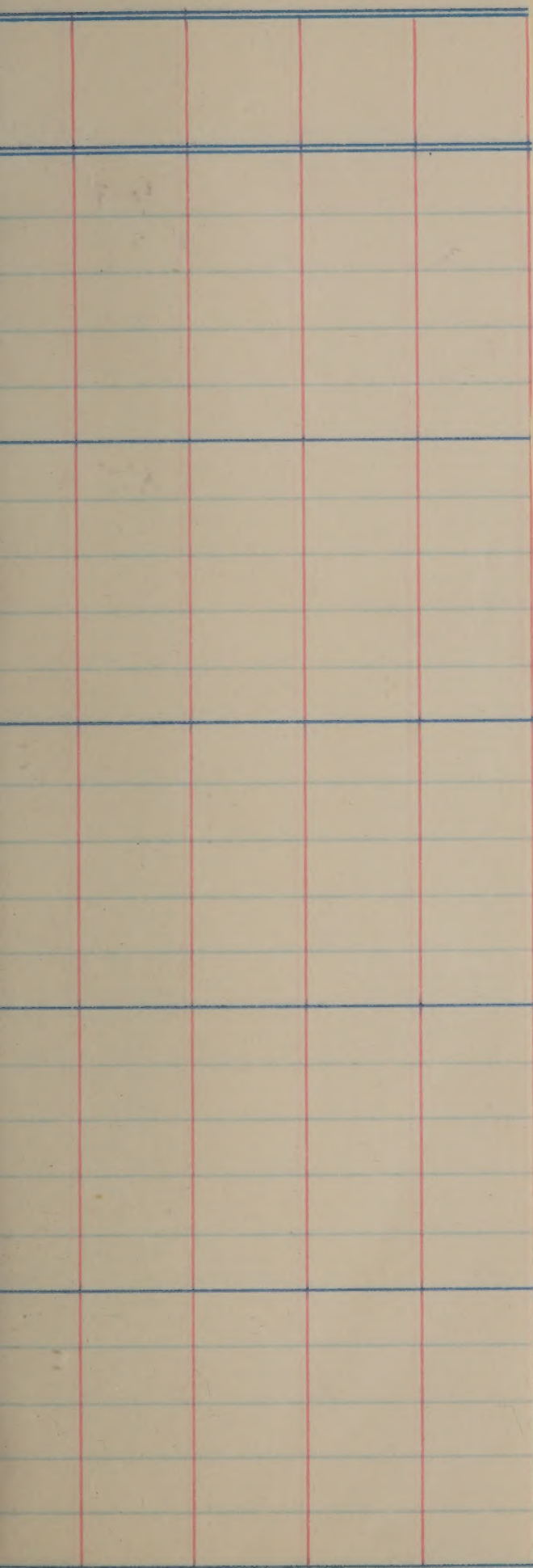
3

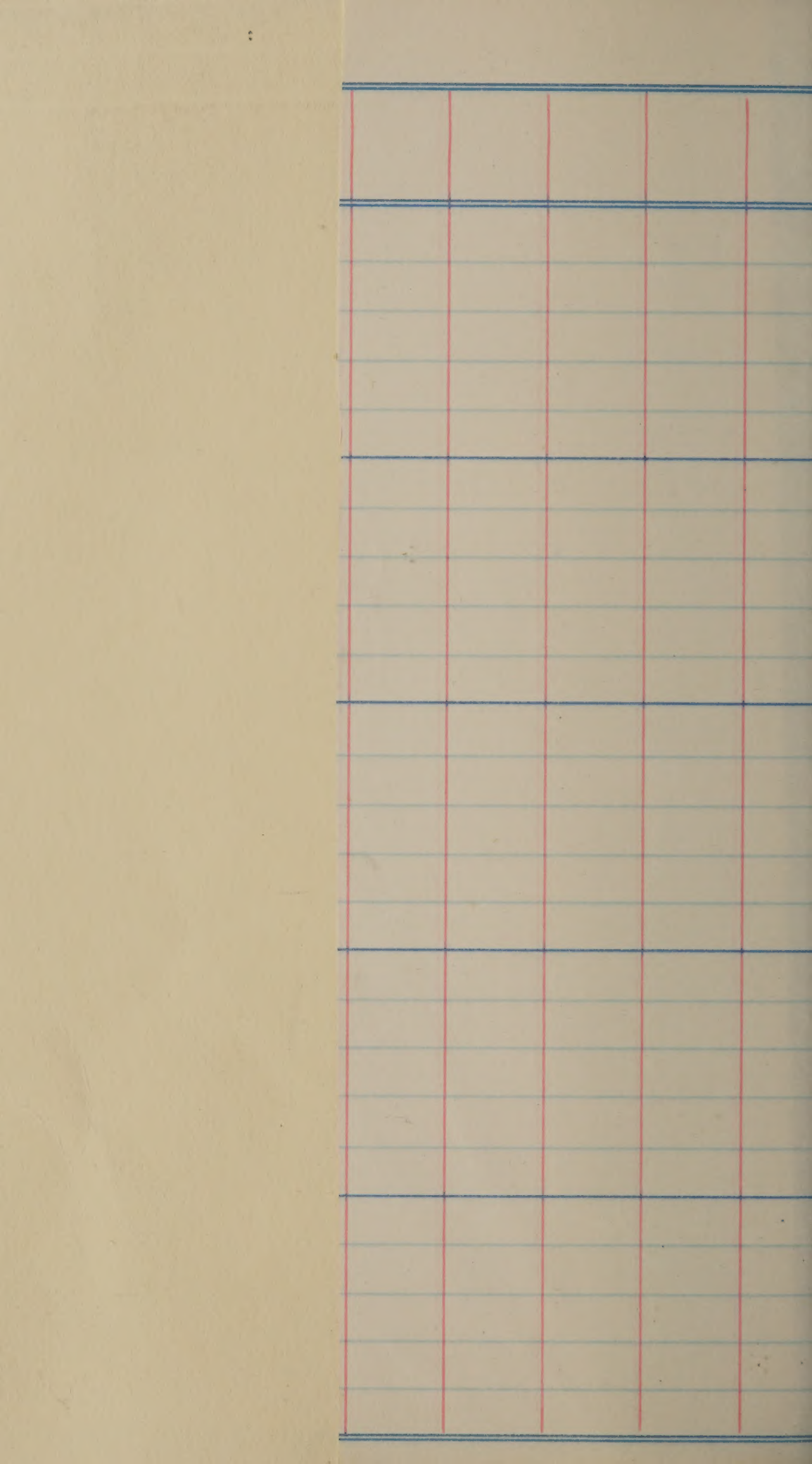
42  
40  
44  
43

4

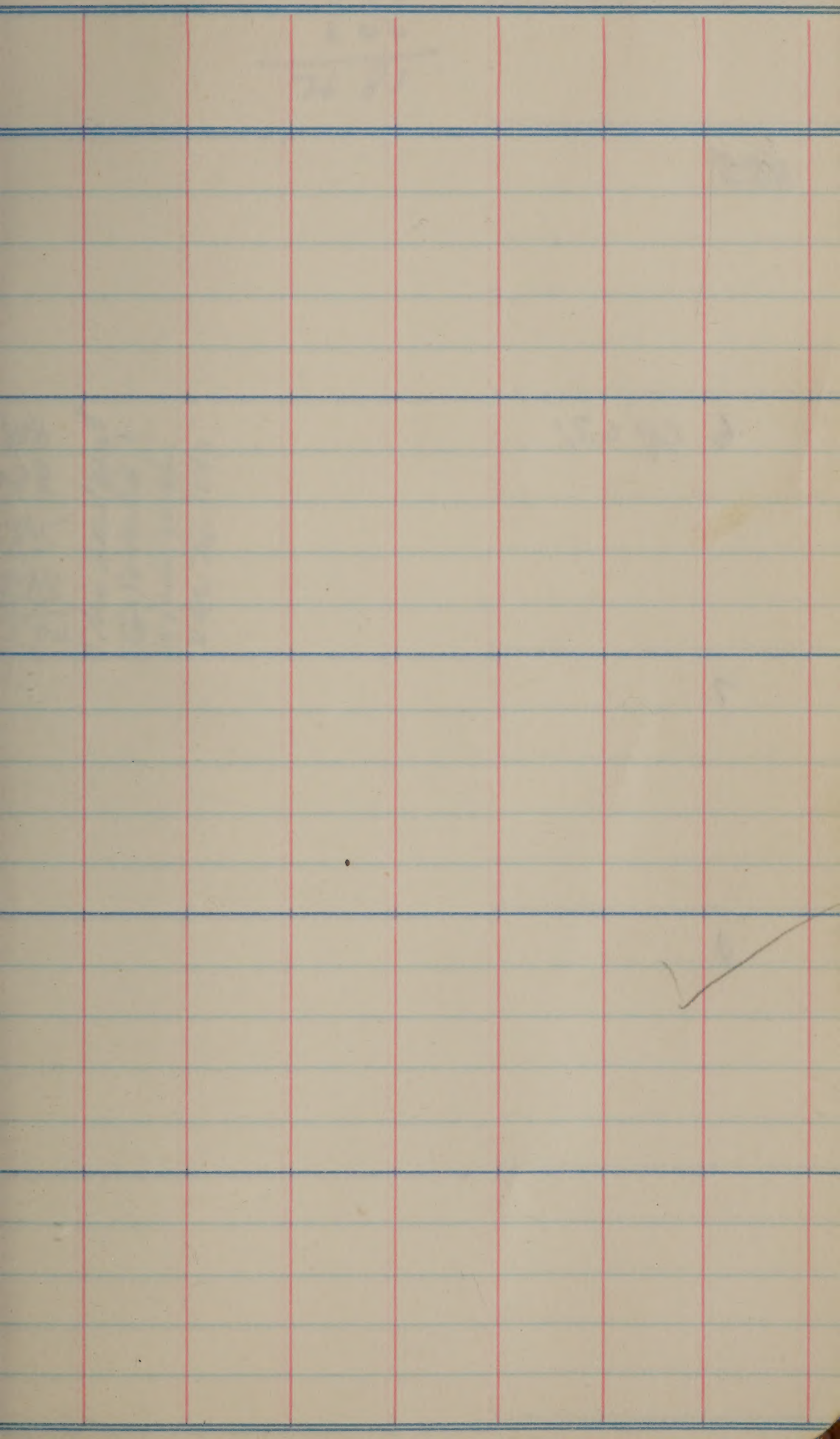
39  
40  
42  
39











985

6 CP 231

44  
42  
41  
43

7

8



$$\begin{array}{r}
 68 \quad 1324 \\
 \quad 723 \\
 \hline
 \quad 2041 \\
 \quad 646 \\
 \hline
 \quad 2681
 \end{array}$$

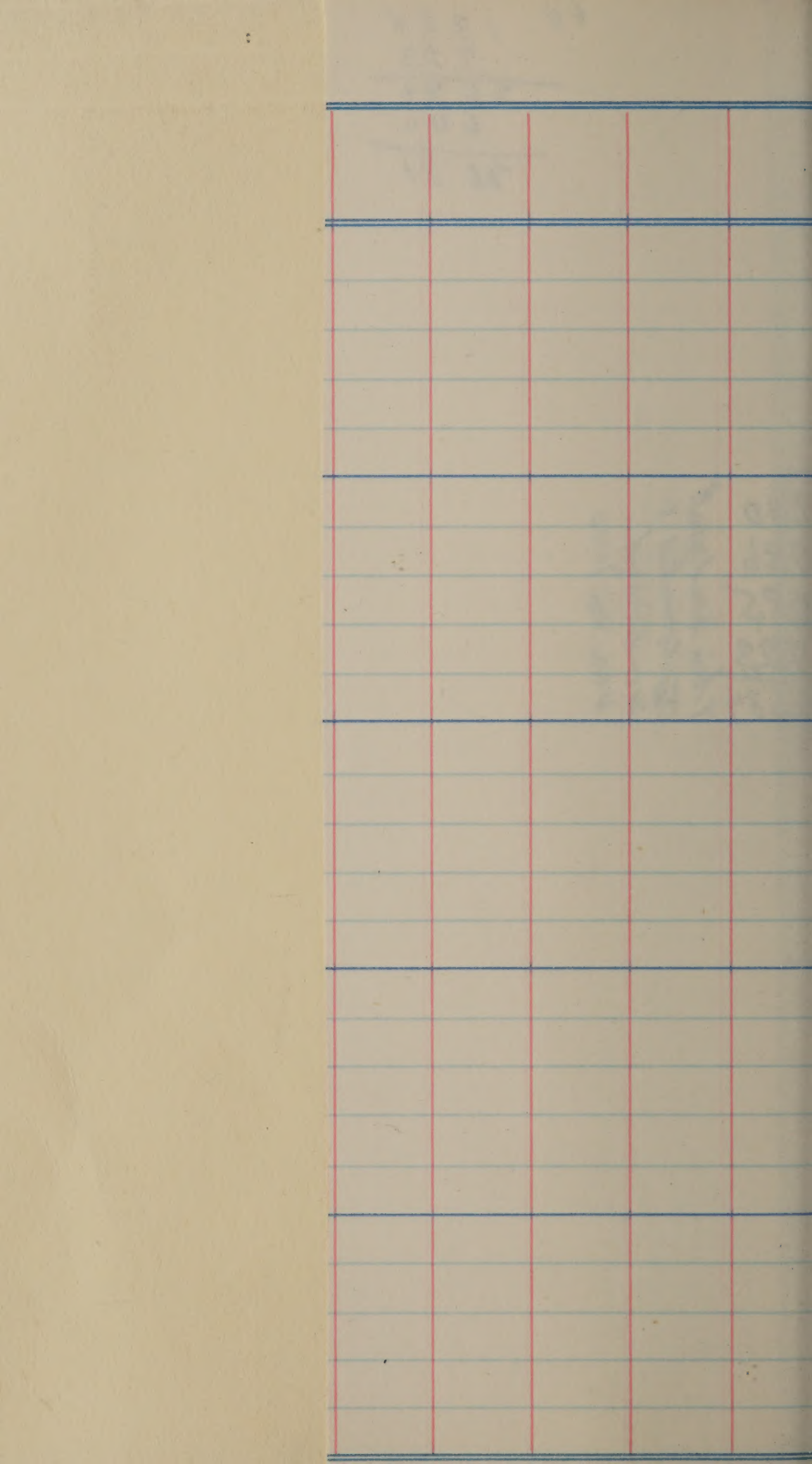
640.  
 736  
 585  
 723  
 684

This and amt

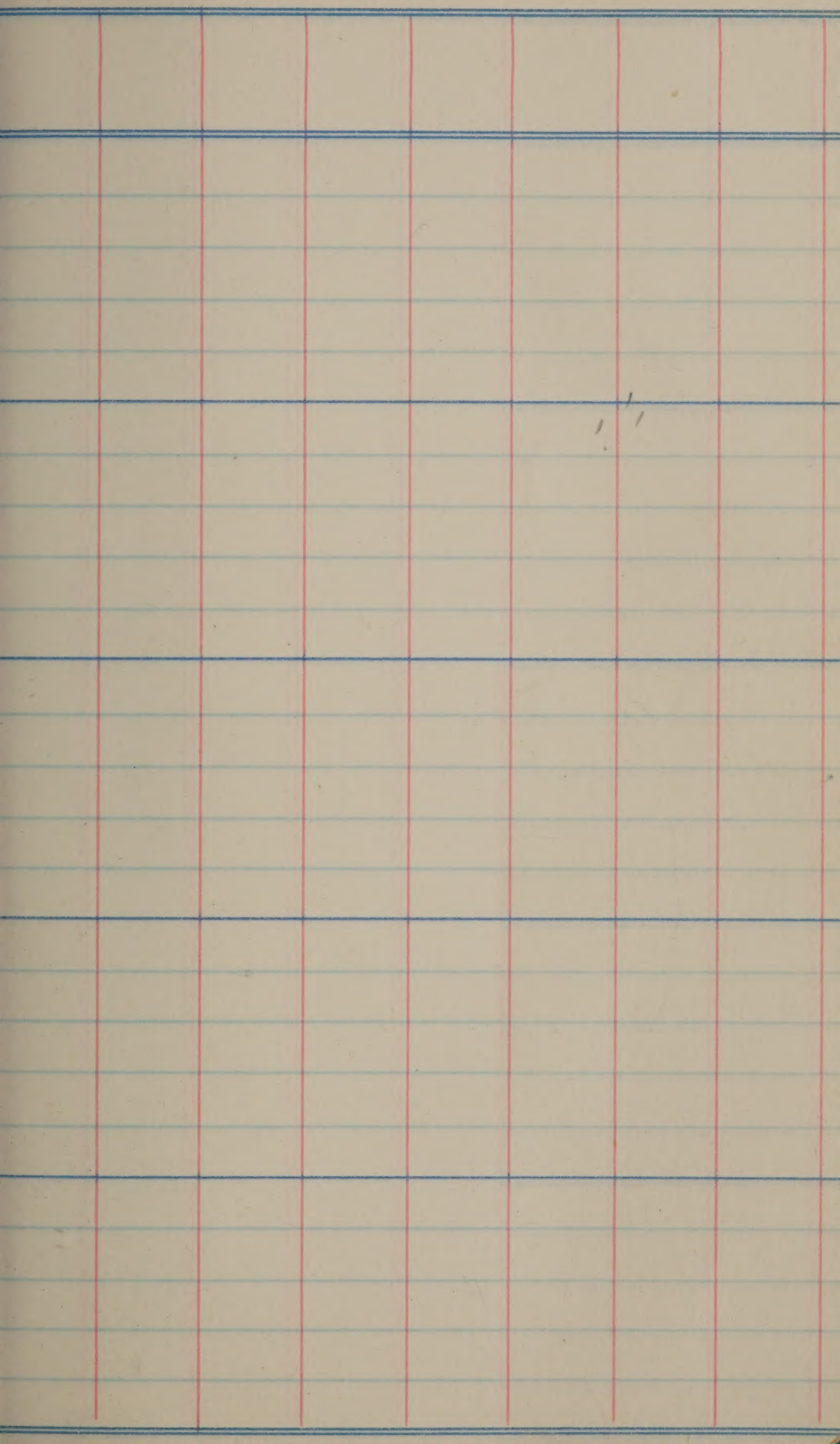
To Committed +

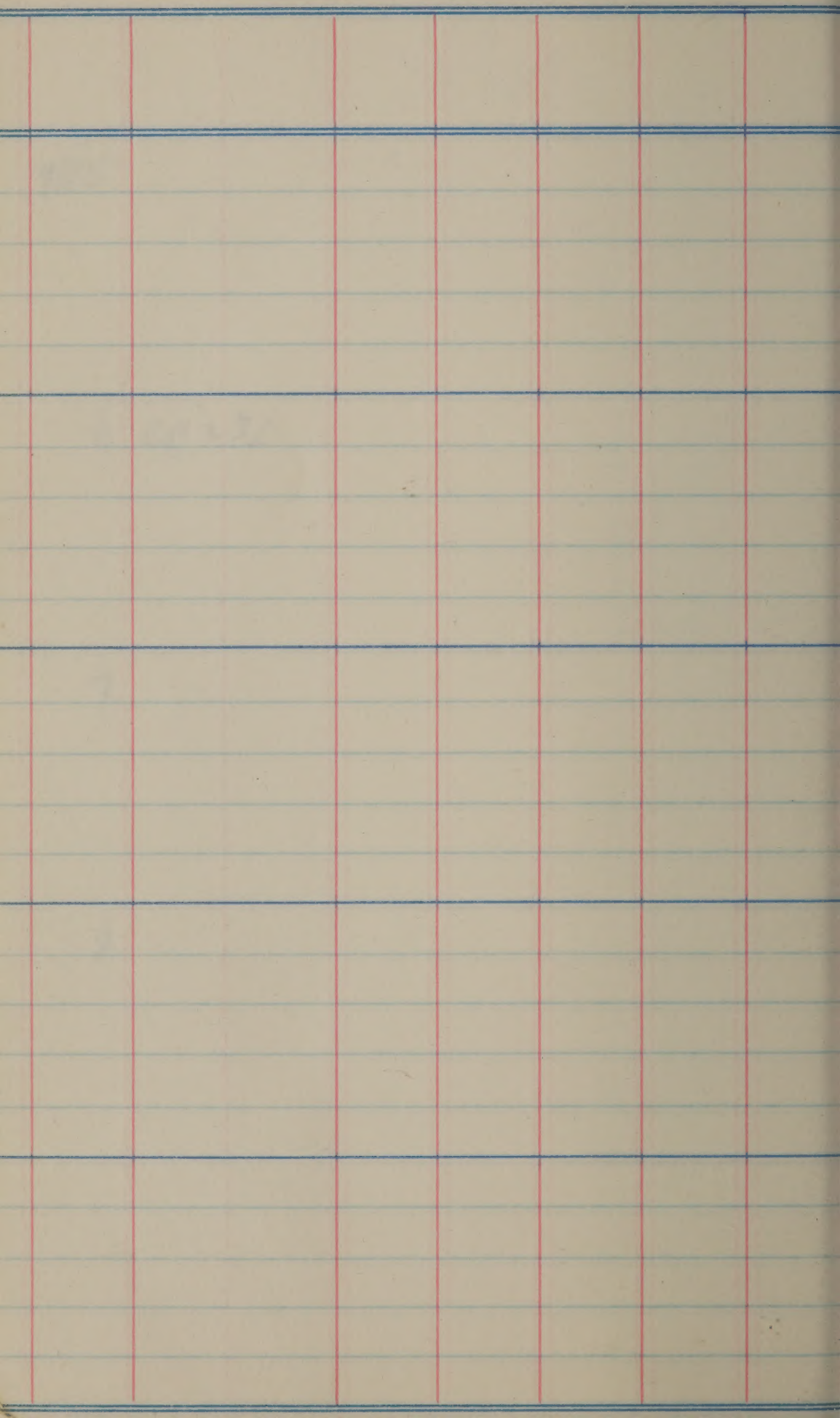
Wonders under

var No. 1140

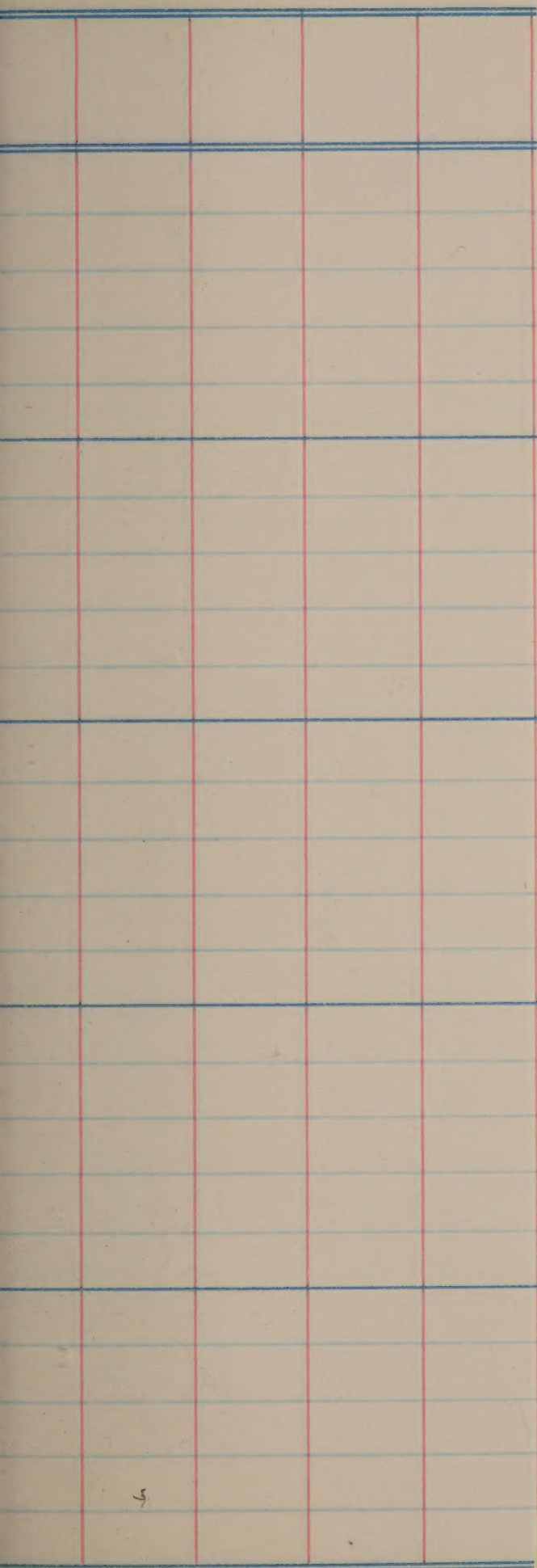


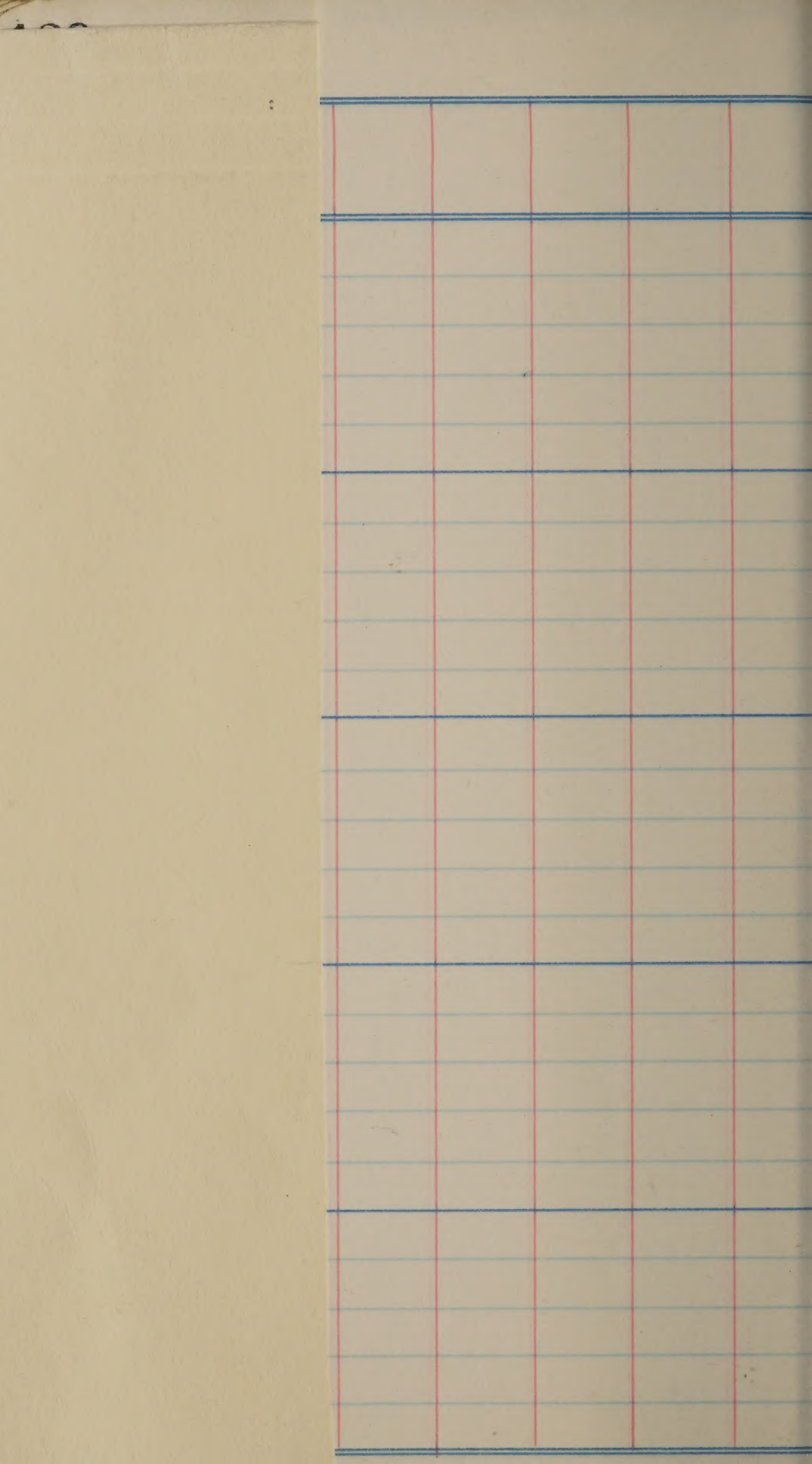




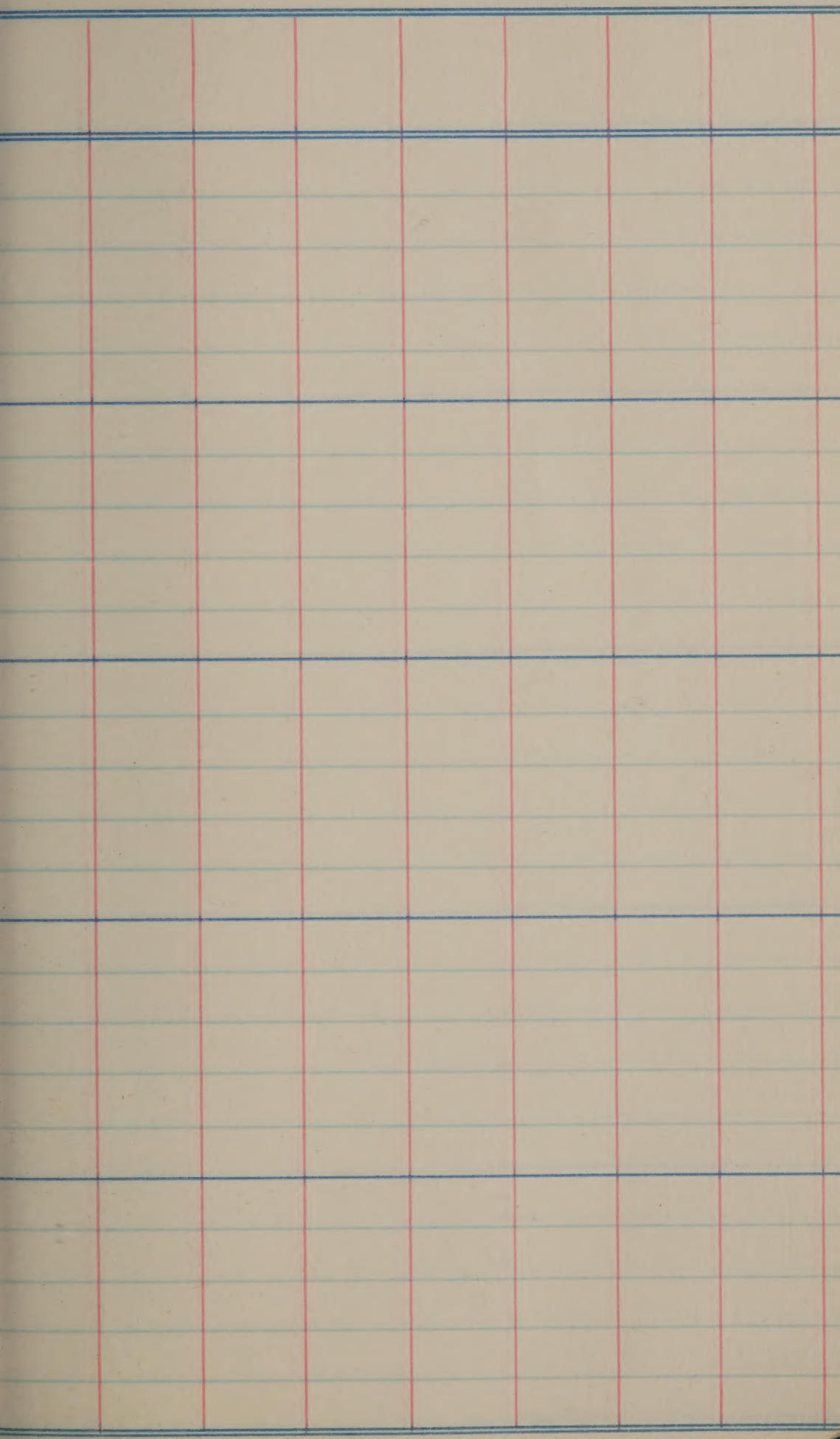


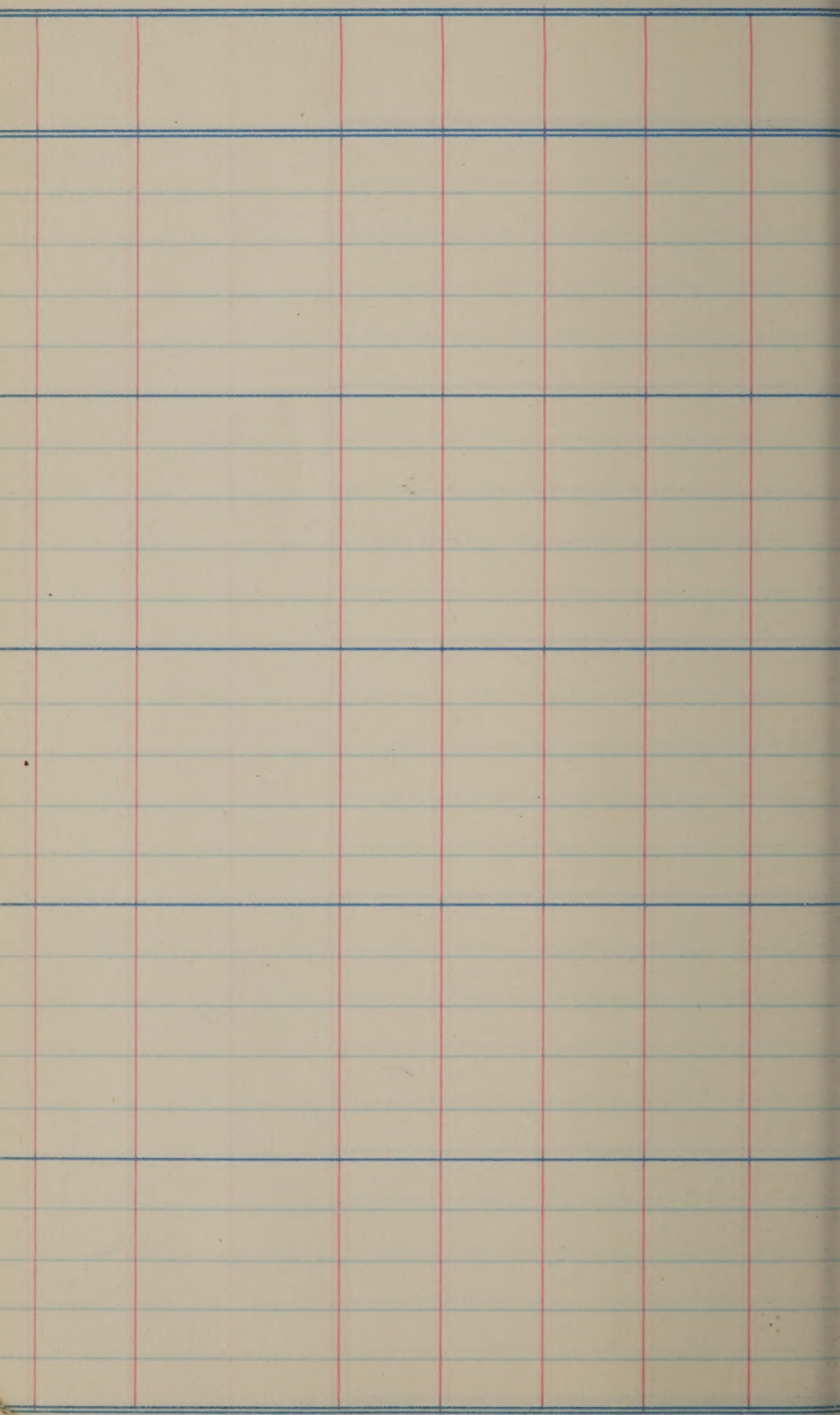




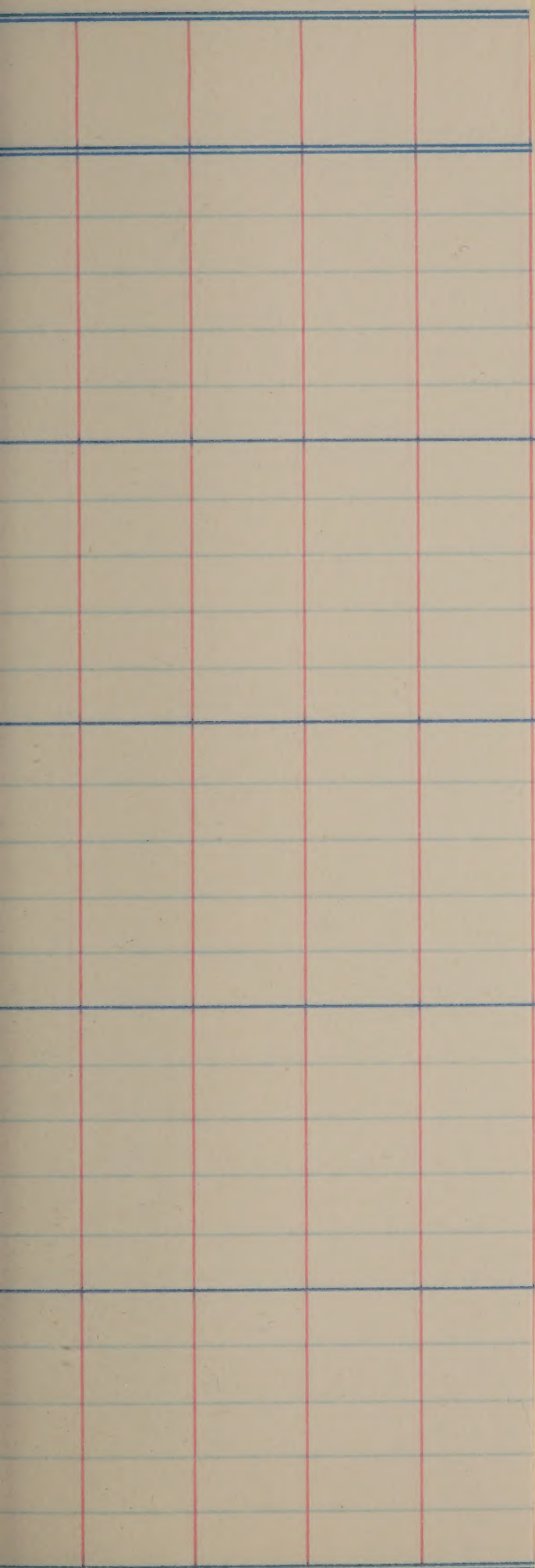


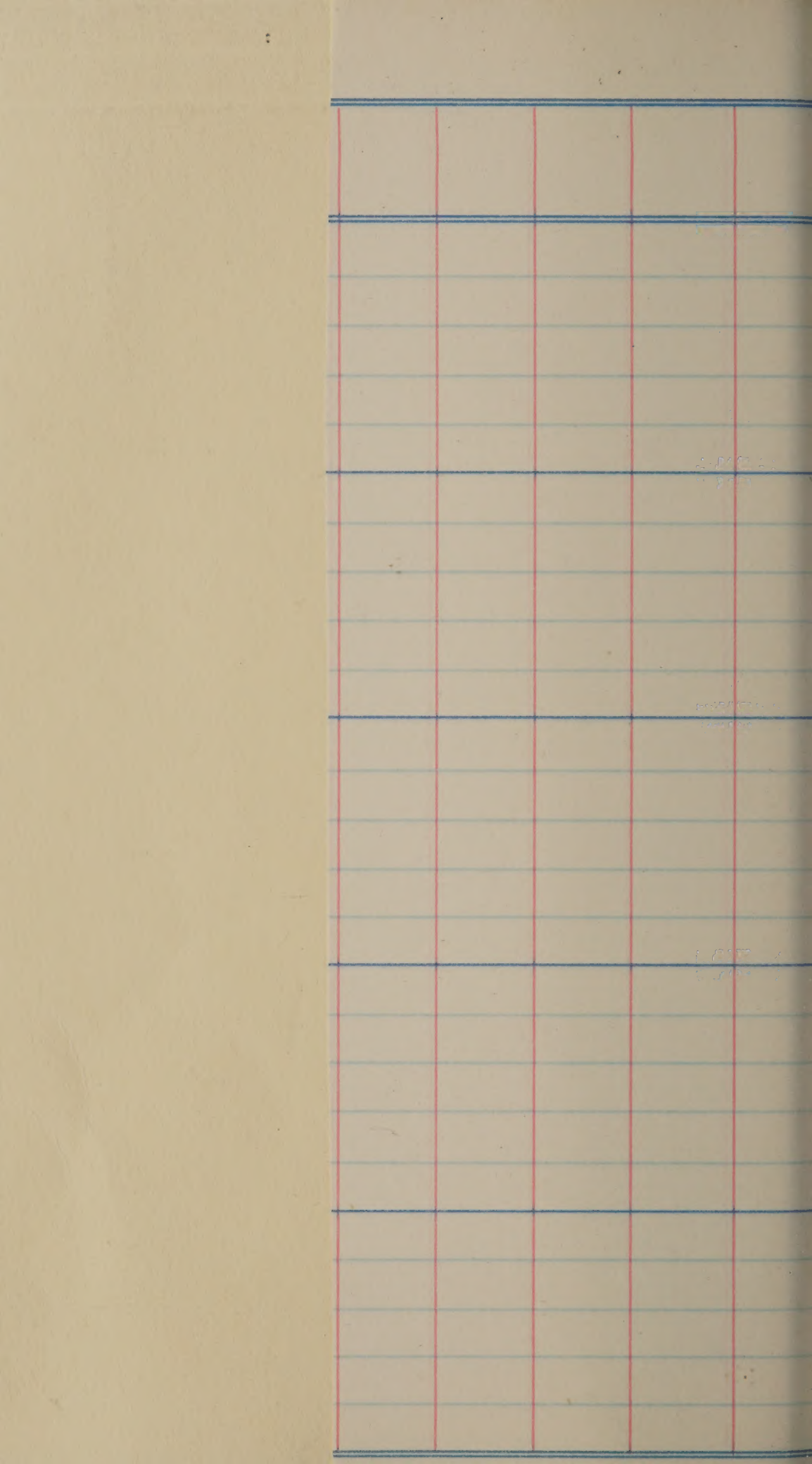




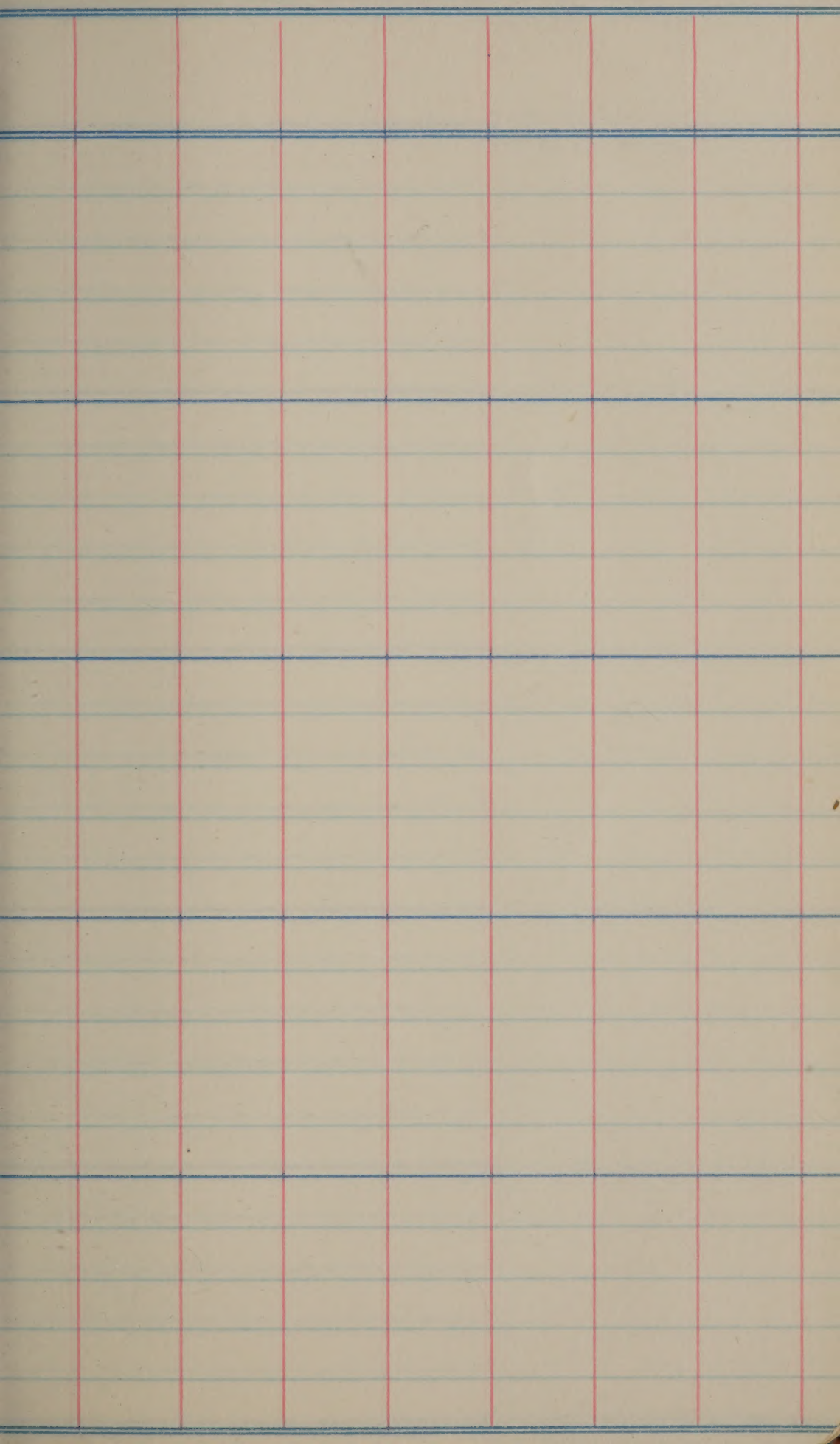


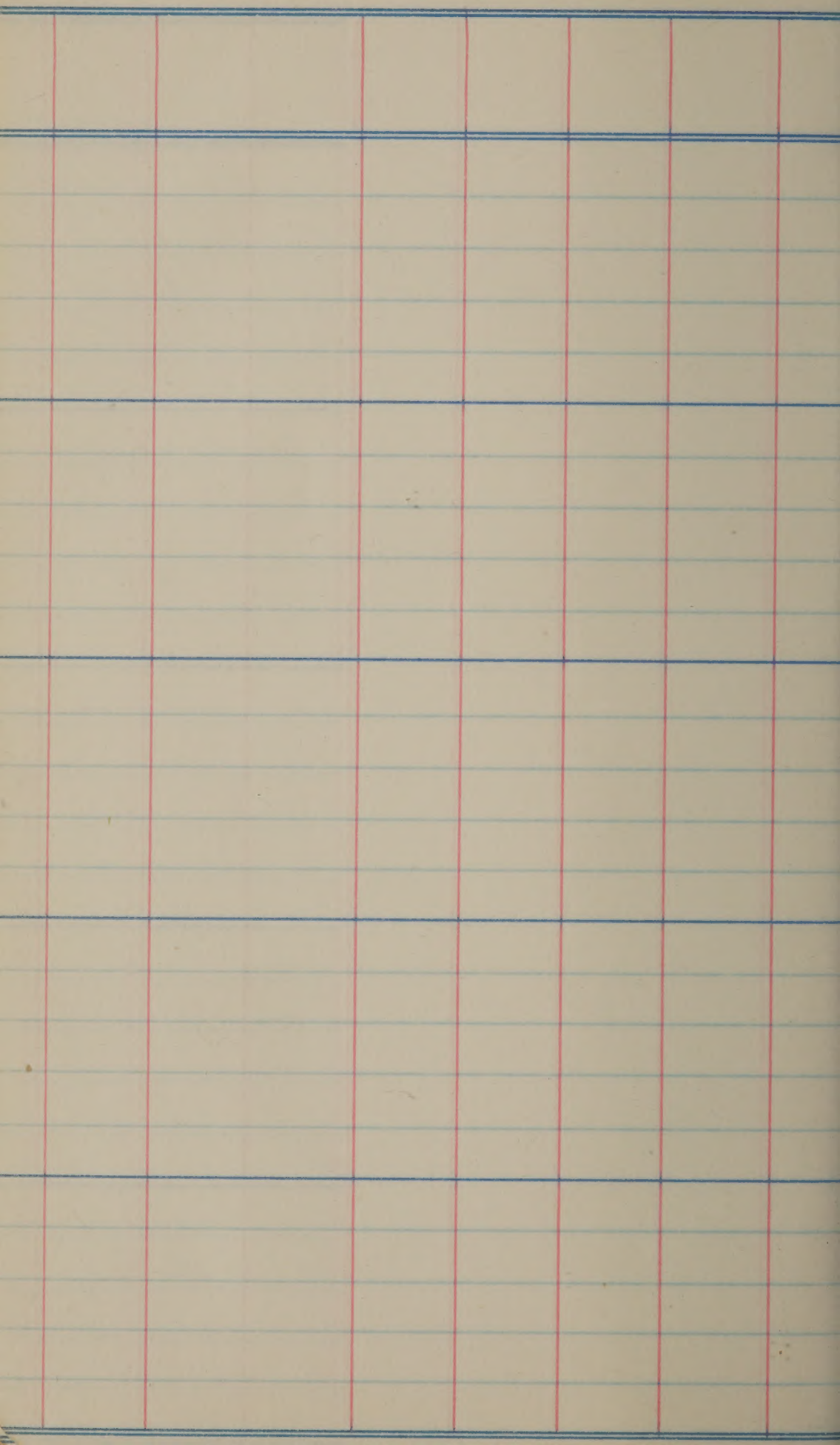




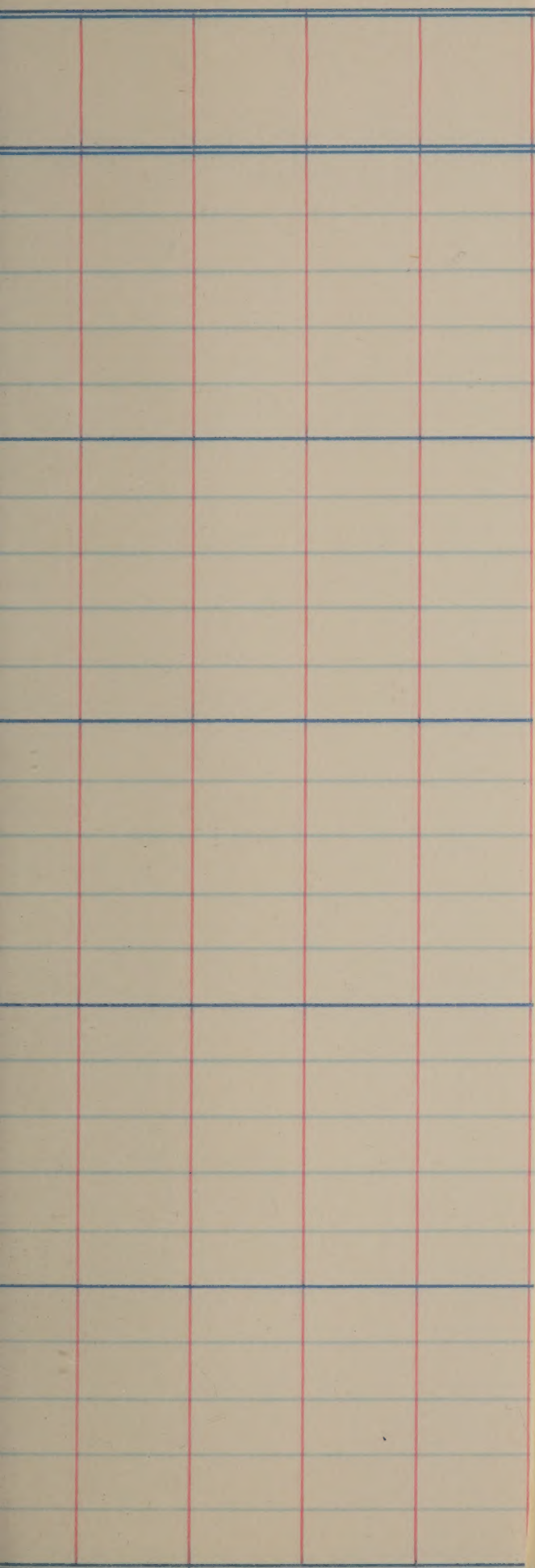


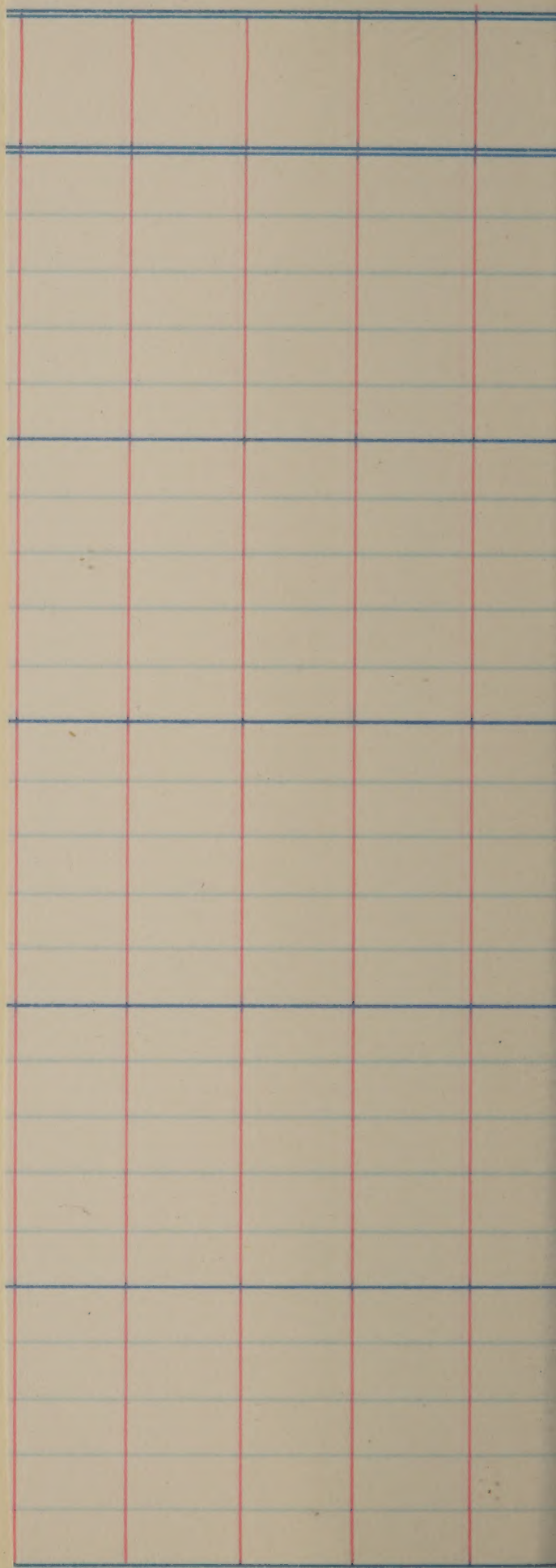




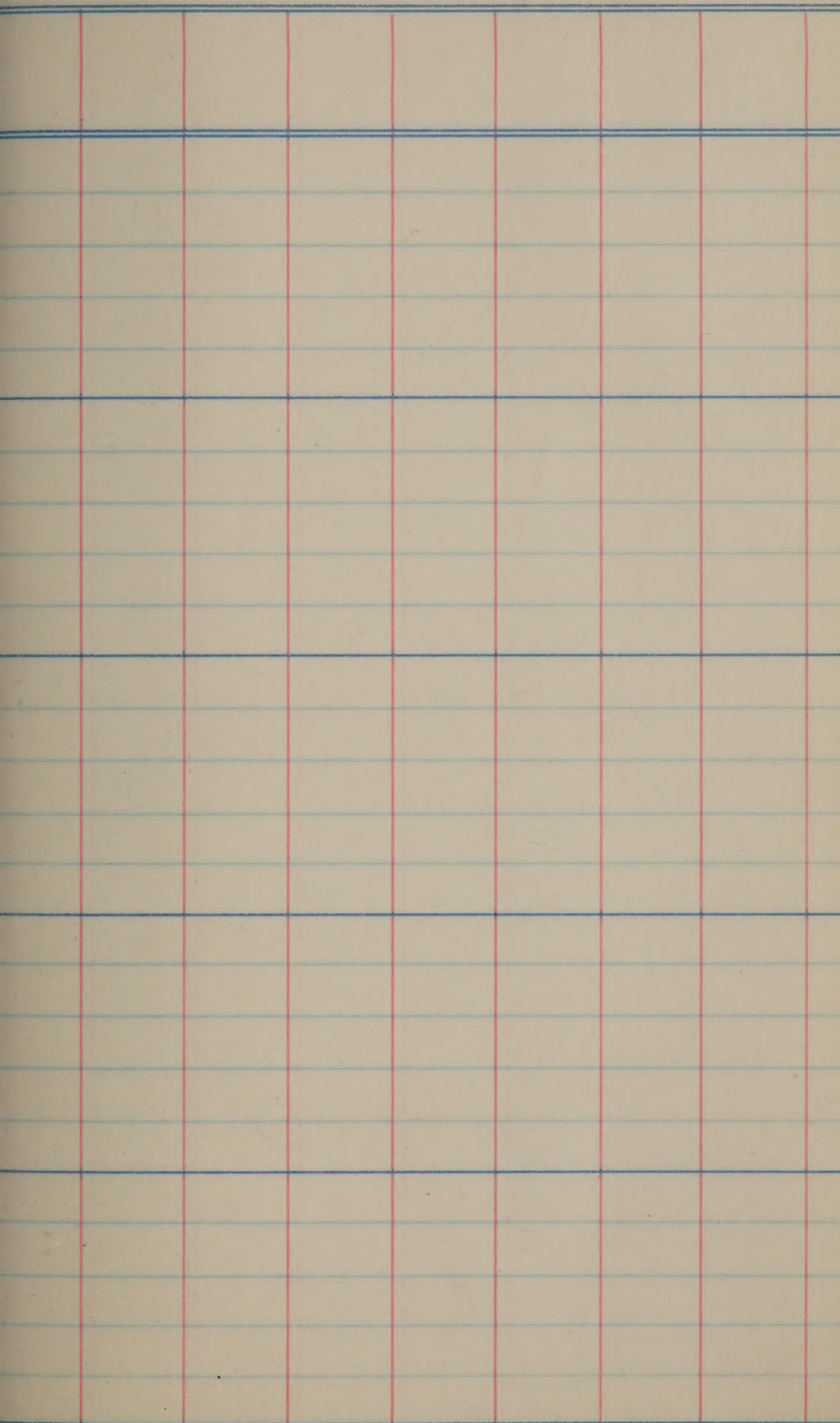


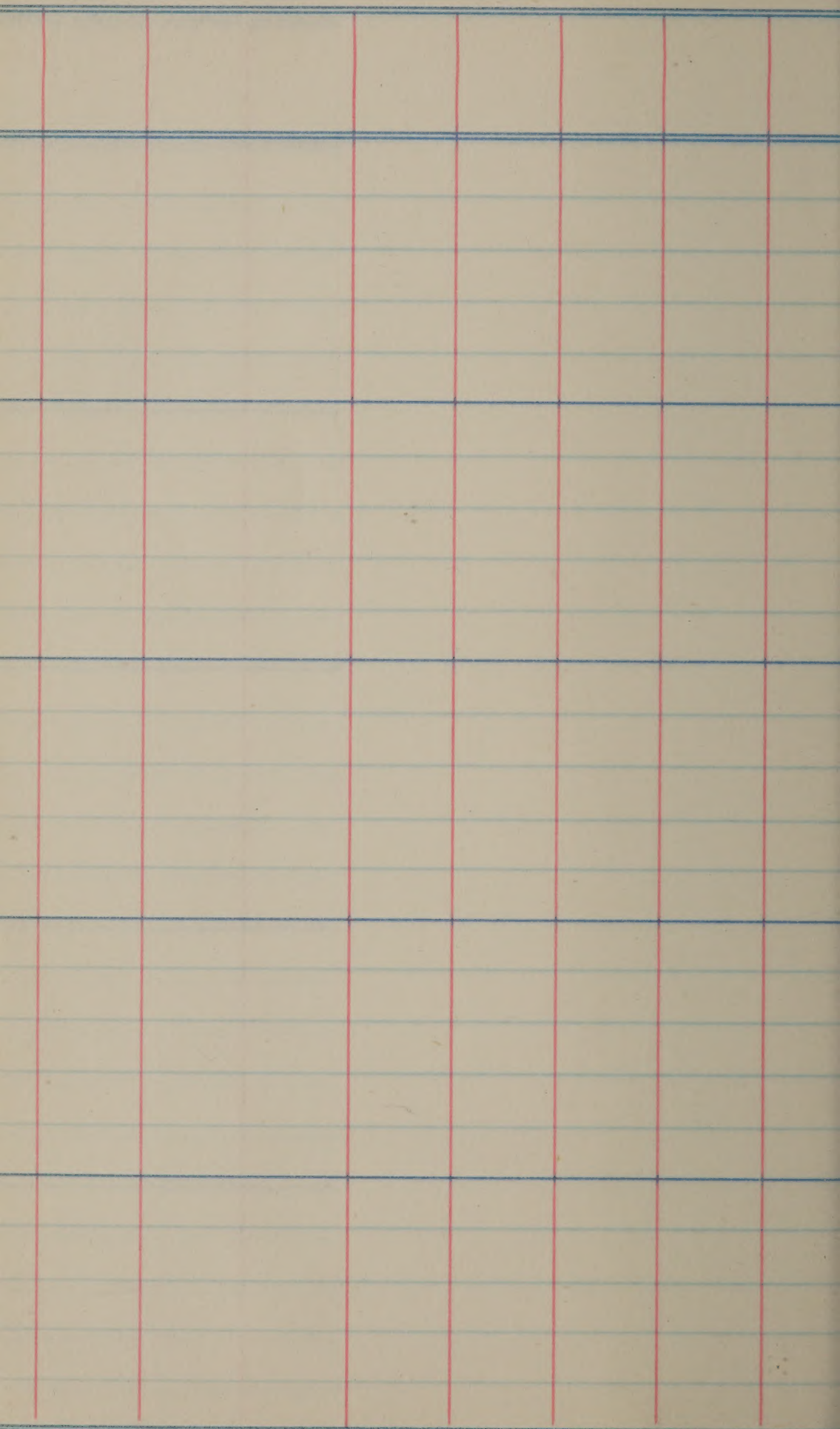




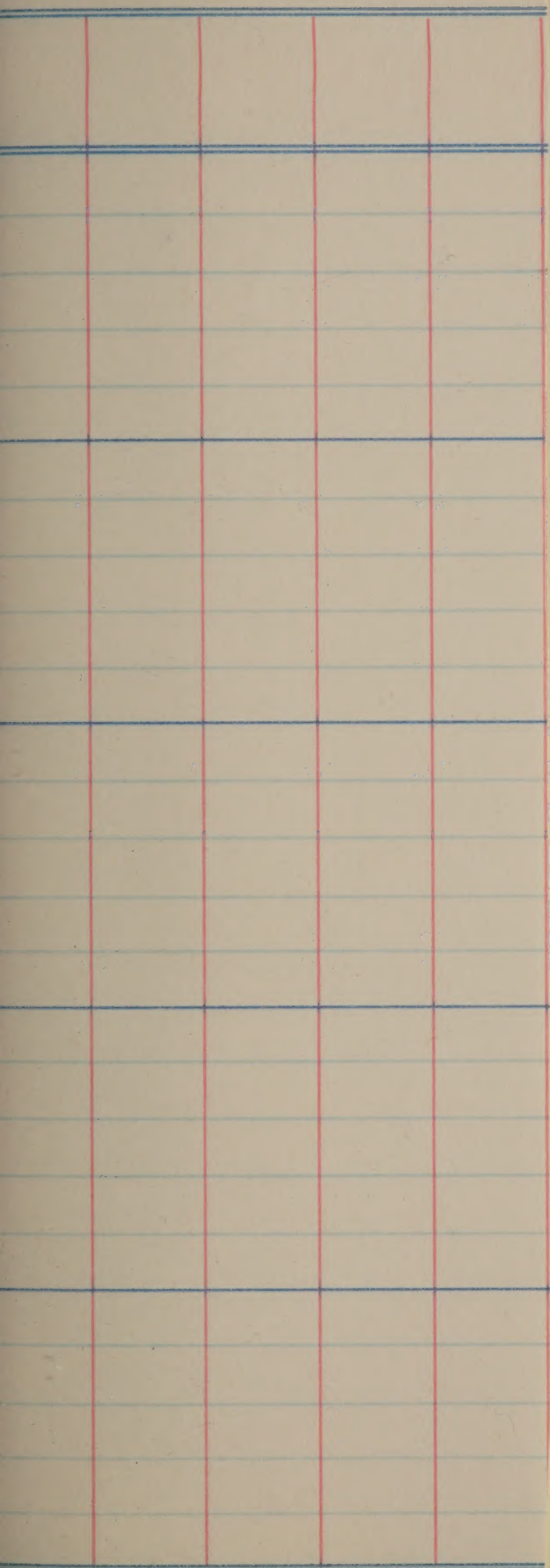


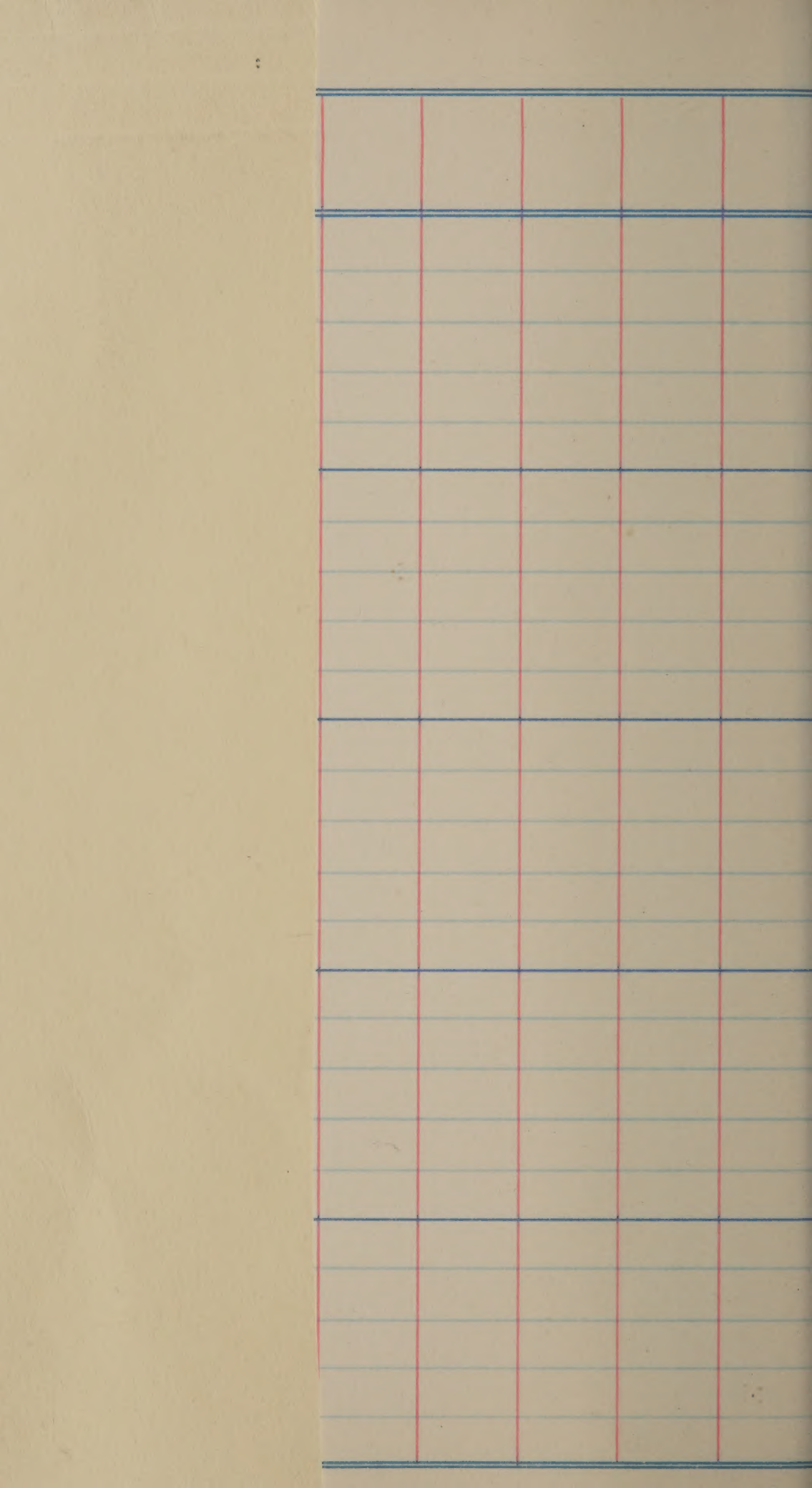




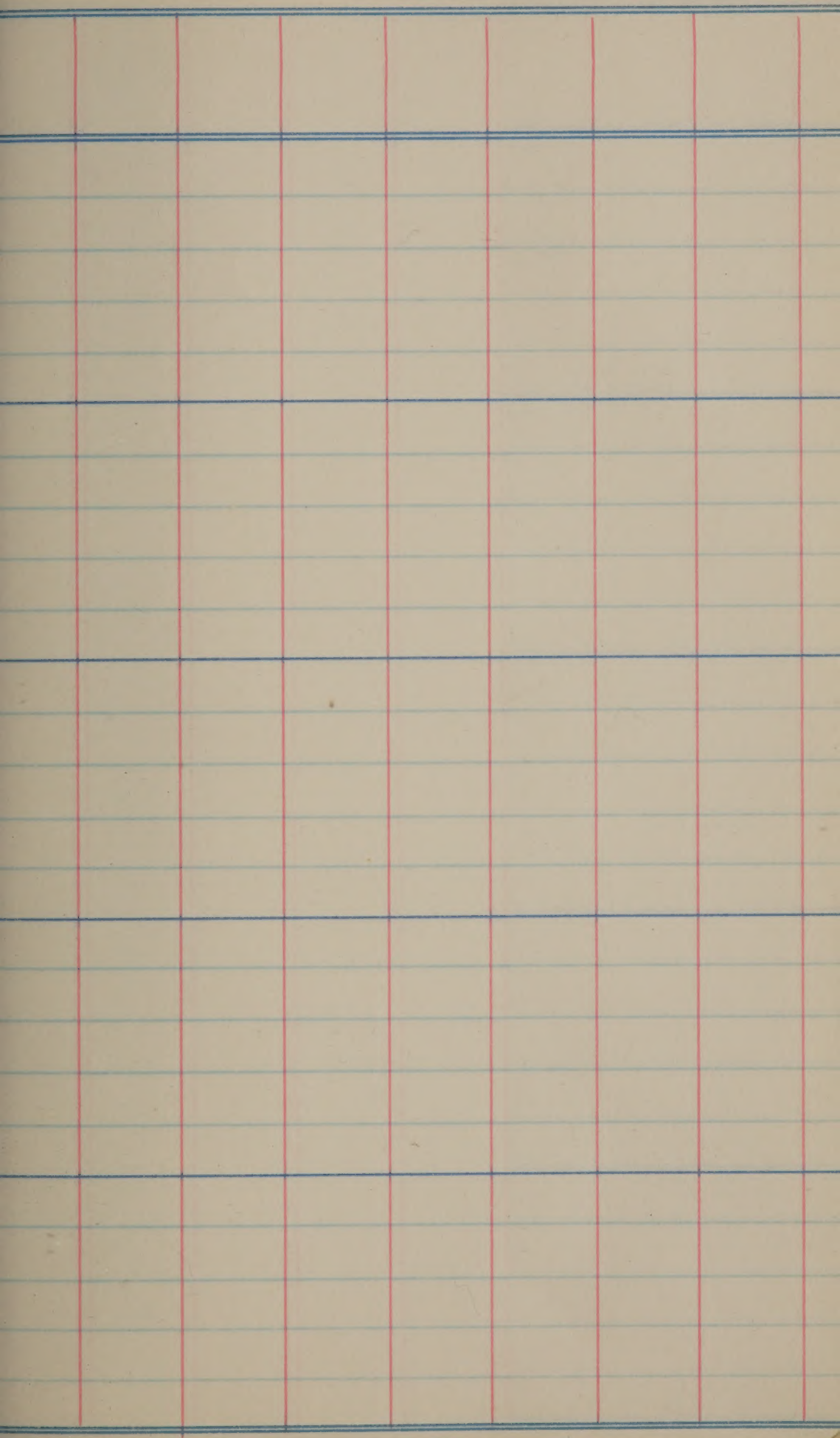


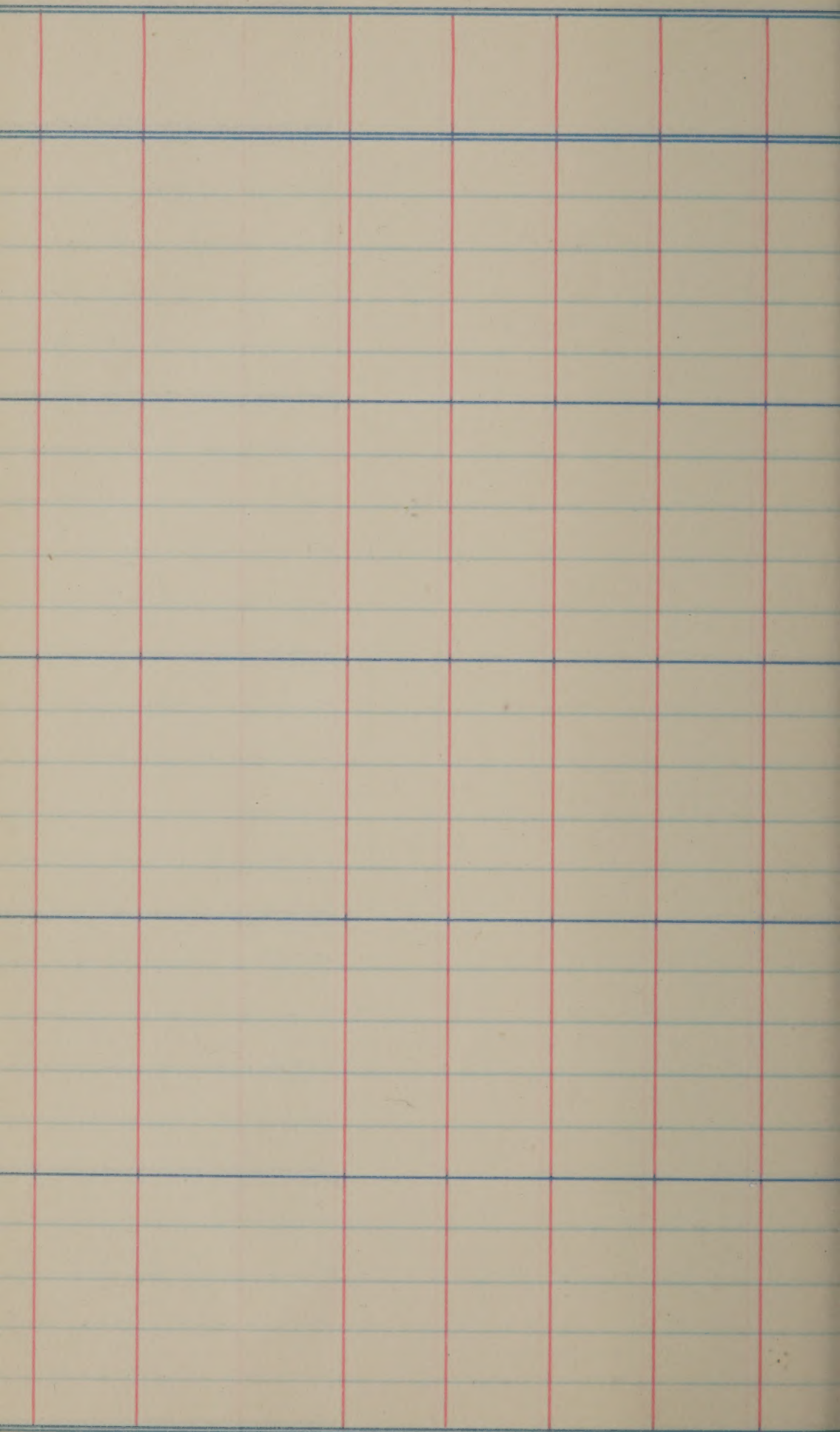






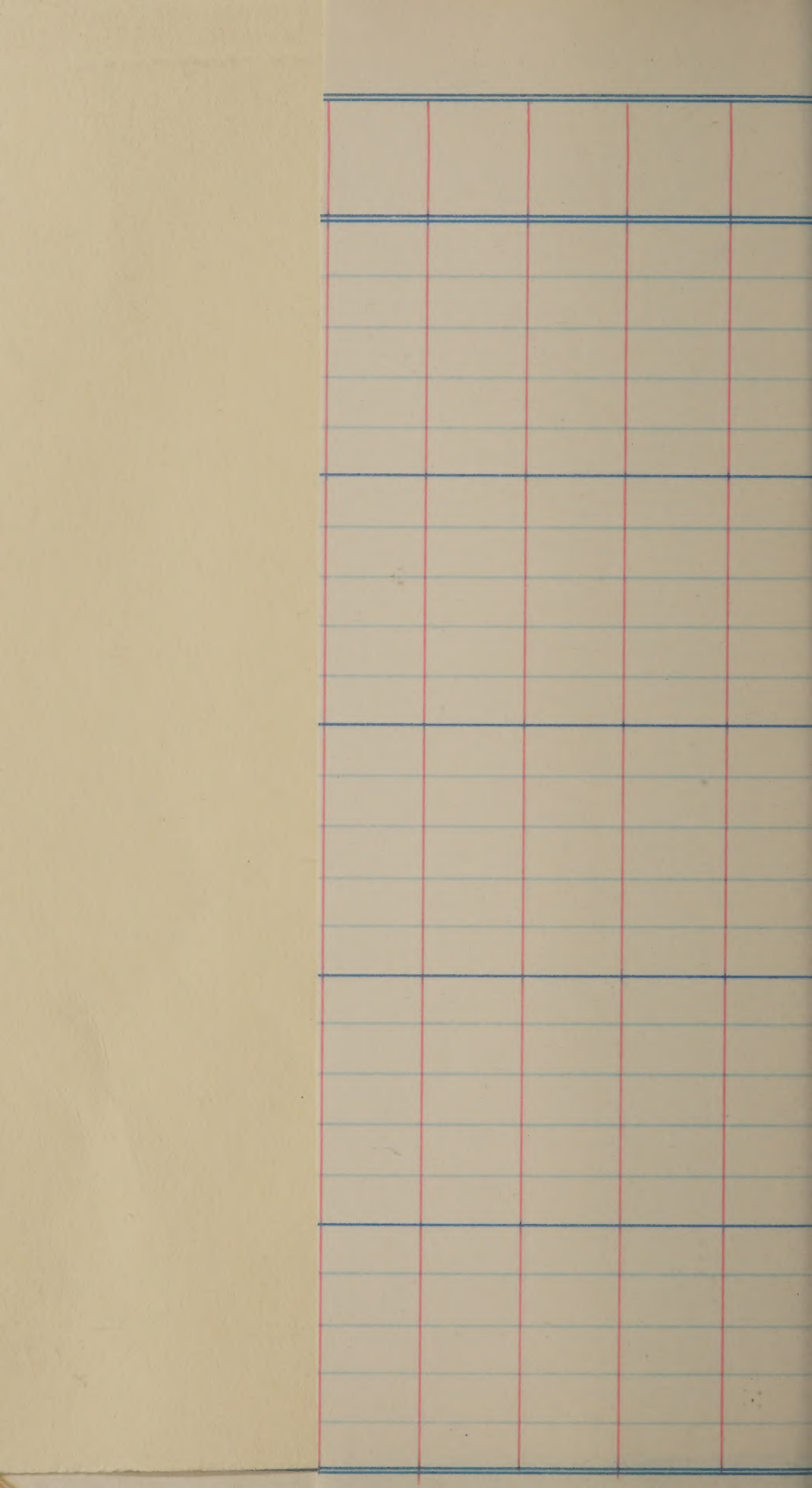




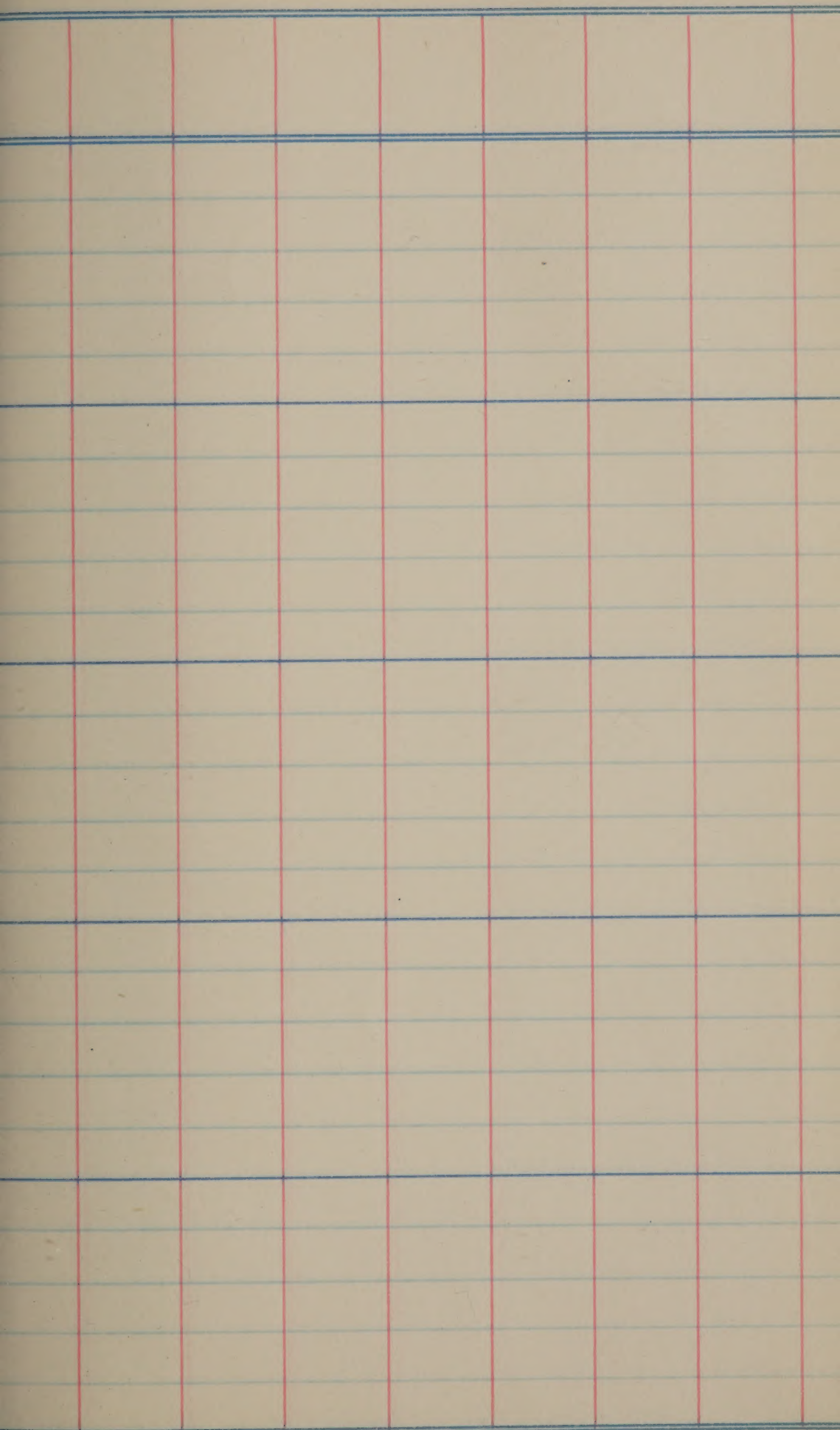


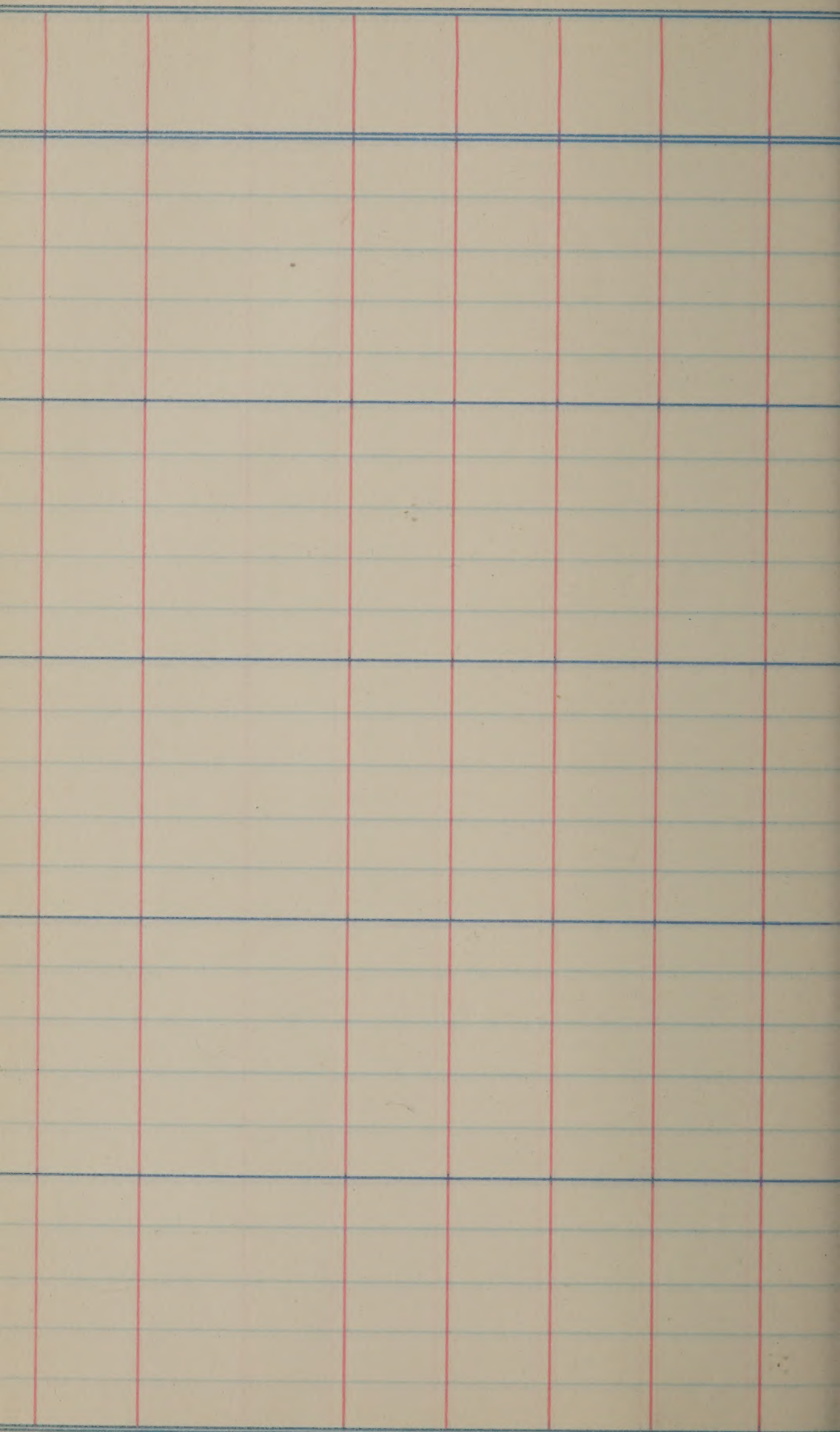




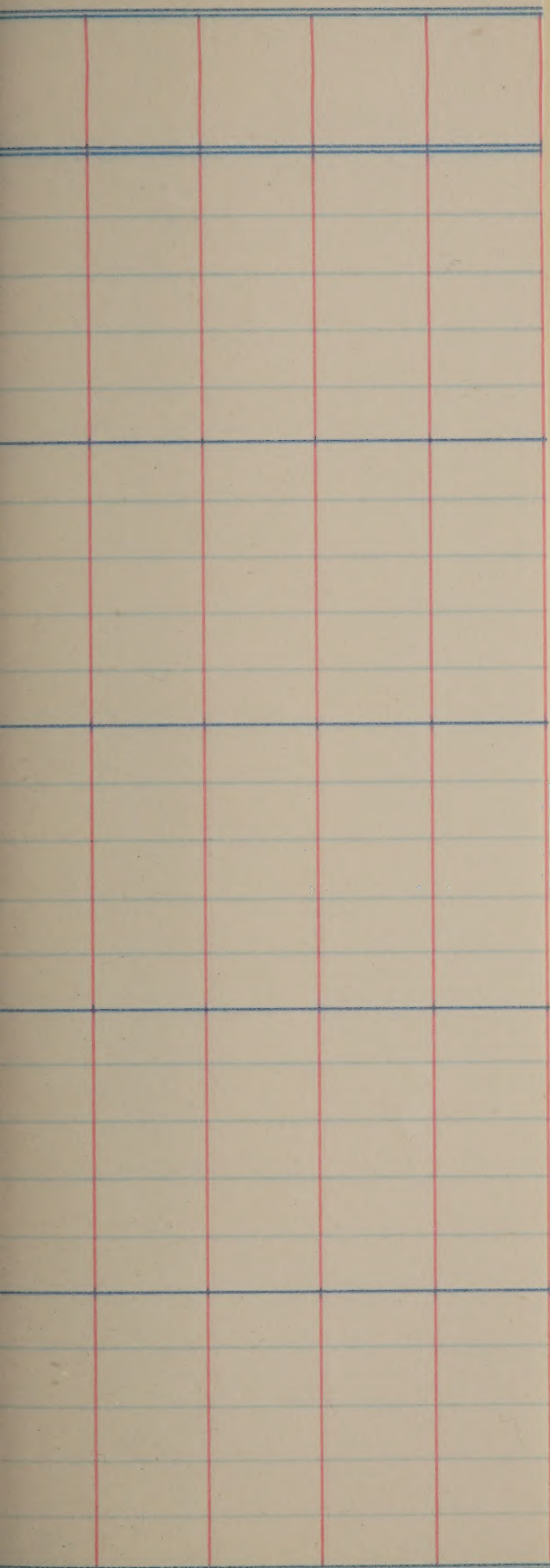


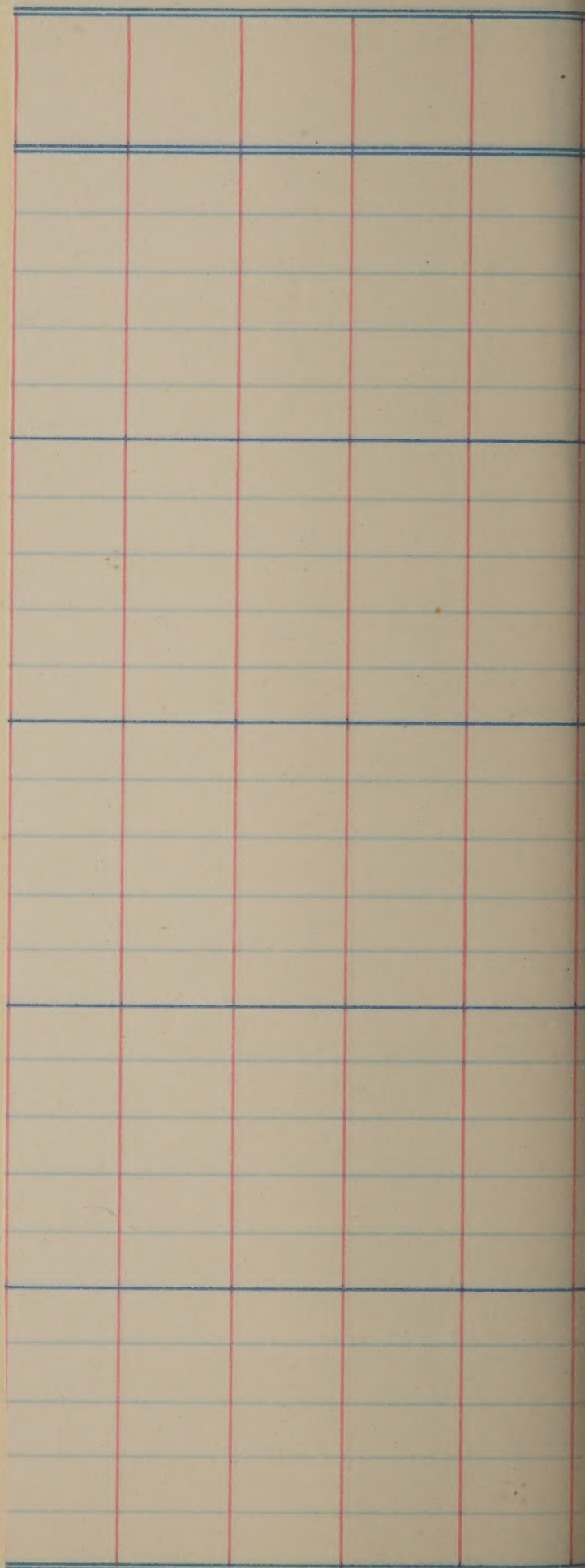




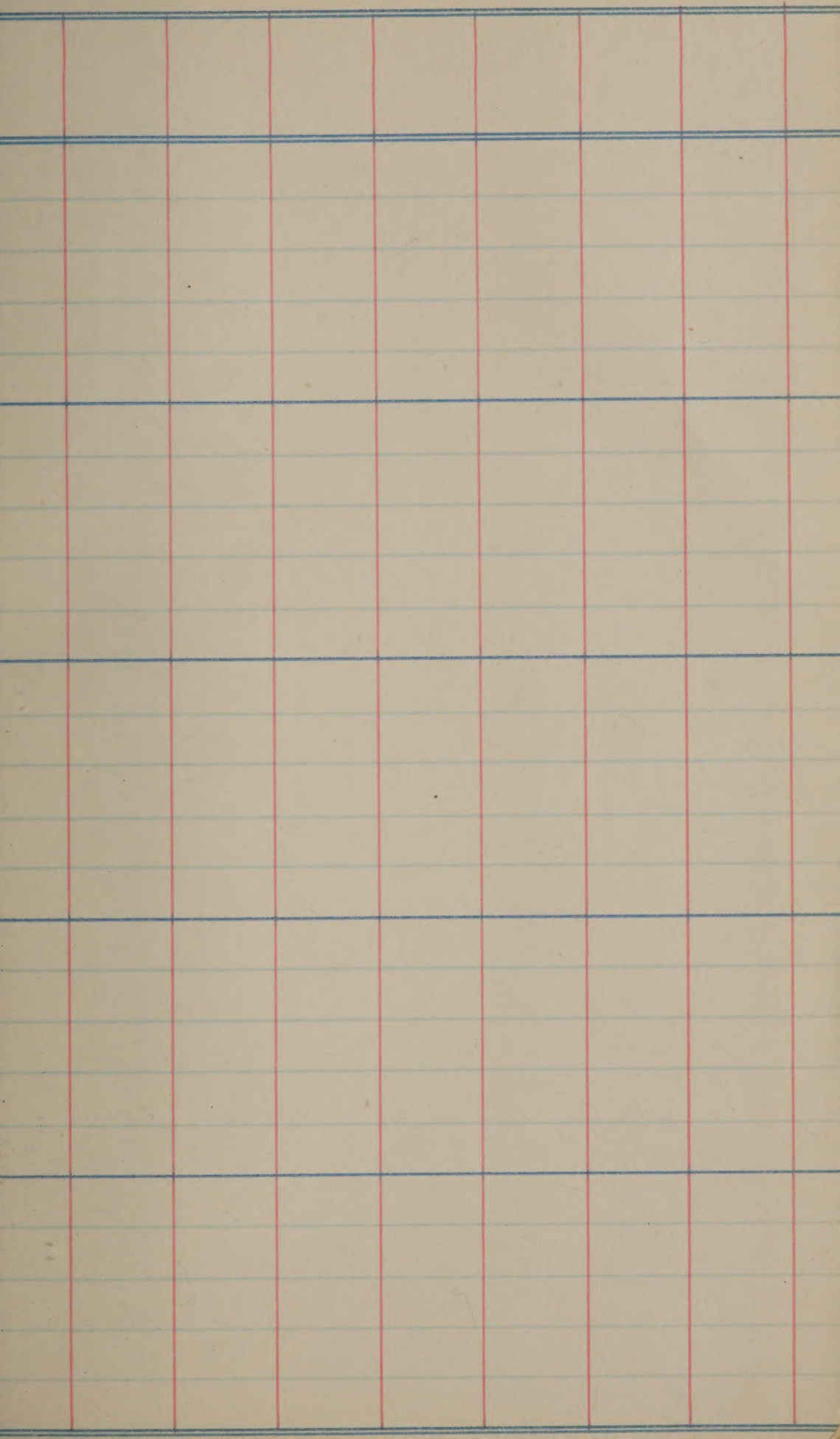






























1954

W.T. and H.O.

UNITED STATES  
DEPARTMENT OF AGRICULTURE

# FIELD NOTES

AGRICULTURAL RESEARCH ADMINISTRATION  
BUREAU OF PLANT INDUSTRY, SOILS, AND  
AGRICULTURAL ENGINEERING  
DIVISION OF COTTON AND OTHER FIBER CROPS  
AND DISEASES



If this notebook is lost will finder please mail to:

U. S. DEPARTMENT OF AGRICULTURE

Bureau of Plant Industry, Soils, and  
Agricultural Engineering,

Division of Cotton and Other Fiber Crops  
and Diseases

Washington 25, D. C.

16-61780-1



# SUGGESTIONS CONCERNING FIELD DATA AND NOTES

## DIVISION OF COTTON AND OTHER FIBER CROPS AND DISEASES

It is suggested that the following general information be recorded for each field experiment:

1. Name of experiment or study.
2. Soil type.
3. Previous crops and fertilizers (2 years).
4. Preparation of land: (a) Methods (b) Dates
5. Size of plot:
  - (a) Area in square feet
  - (b) Number of rows
  - (c) Length of rows
  - (d) Width of rows
6. Fertilizer:
  - (a) Pounds per acre
  - (b) Analysis (N-P-K)
  - (c) Time of application
  - (d) Method of application
  - (e) Side dressings
7. Planting: (a) Date (b) Rate (c) Method
8. Thinning: (a) Date (b) Method (c) Approximate optimum spacing attempted
9. Cultivation: (a) Implements used (b) Dates
10. Dates at which all notes and samples are taken.
11. Dates of pickings.

The following suggestions are made in regard to recording data:

1. Record all dates as figures, giving the month and day of month, as 5/16 (May 16).
2. Record all field weights in pounds and decimal fractions of pounds. The requisite accuracy depends somewhat on the size of sample, but for ordinary size plots 0.1 pound is usually satisfactory. It is suggested that small samples be weighed more accurately (0.01 pound).
3. Estimations, such as seeding vigor, shedding, color, etc., may be recorded either numerically or with letter designations, as is found convenient; for example (seeding vigor), 1=Excellent, 2=Good, 3=Medium, 4=Fair, and 5=Poor; or E=Excellent, G=Good, M=Medium, F=Fair, and P=Poor. An explanation of legends should be recorded for each variable and experiment.
4. Diseases and insect pests.
  - (a) GENERAL.—Attack by diseases or insect pests should be recorded by suitable legends to indicate type of disease or pest, percent of plants killed or affected, and in serious attacks, estimating crop loss. For example, FW \*5/35-7. (Footnote\* Fusarium wilt 5 percent plants killed, 35 percent affected, 7 percent loss estimated).
  - (b) SPECIAL.—Where the book is used for taking notes on regional field tests on disease resistance, treatments, etc., it is suggested that directions which are furnished for taking uniform data be pasted, or copied, in the front of the book.
5. Diagram, to scale, the block on which each experiment is conducted, showing visible soil differences, variable plant response attributable to soil differences, drainage, or unequal irrigation, slope of land or contours, and any other features which may materially assist in interpreting the results. The square ruled paper in the front of the book may be found useful for this purpose.
6. Explain clearly all legends used.
7. Identify all experiments as to location on blocks and YEAR.

For types of experiments for which this book does not provide ample page space, larger sheets should be utilized. In taking data, which are to be reported in this book, or on larger sheets especially provided, the field or laboratory determination should be written directly at the time of weighing or otherwise determining, and submitted to Washington, or filed as the permanent record. Avoid all possible transcribing or typing of raw data.

Block size

45' x 109'

Level

10 1/2'



Road

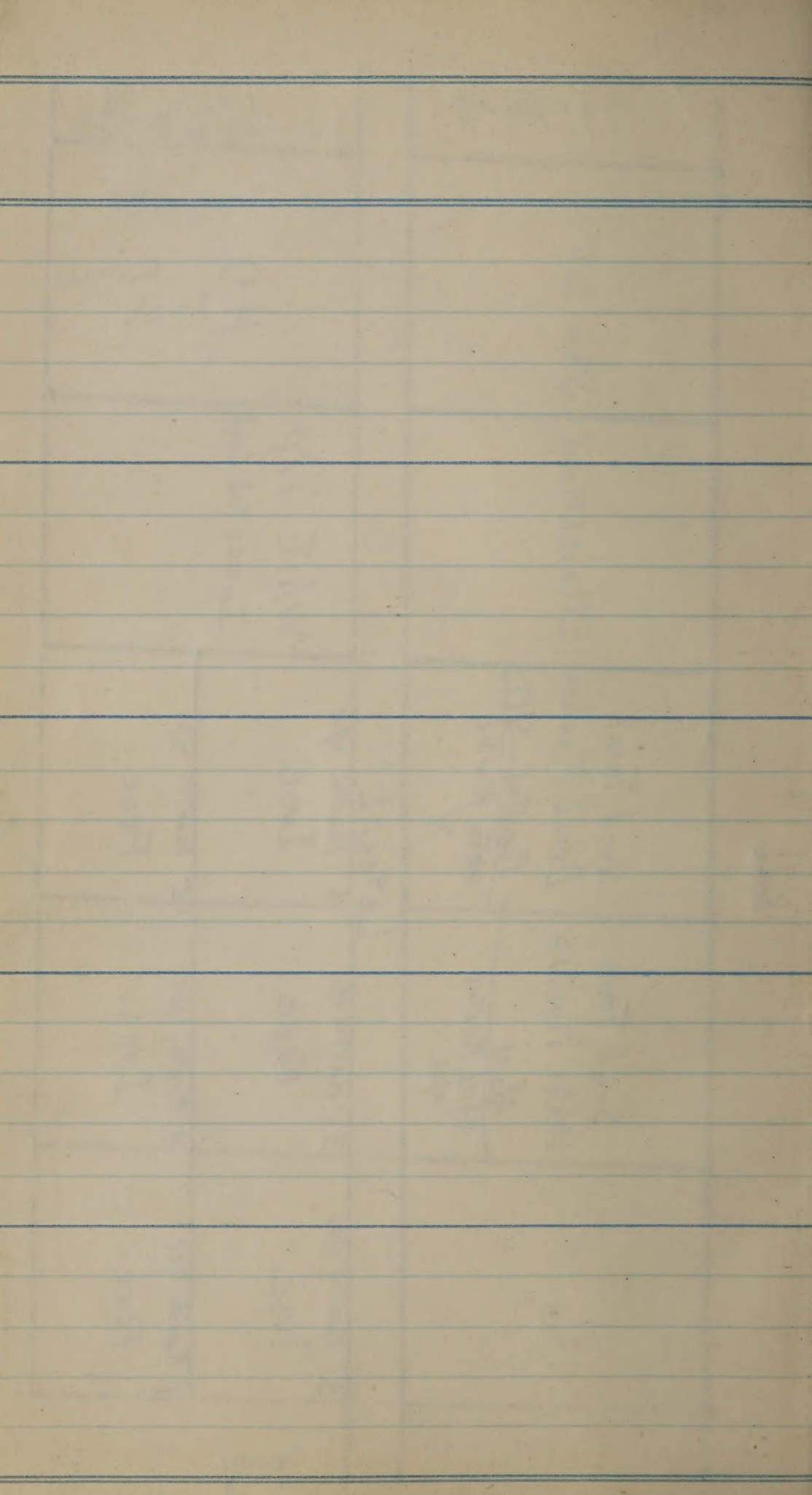
|      |                                                                |                                                                        |                          |          |
|------|----------------------------------------------------------------|------------------------------------------------------------------------|--------------------------|----------|
| SMUT | Seed Treat.<br>Water Planting<br>3/24<br>Drill Planted<br>4/21 | Seed Treat.<br>Drill Planting<br>Planted - 3/17<br>Water Planted<br>4/ | Straighthead<br>Stem Rot | Beachell |
|------|----------------------------------------------------------------|------------------------------------------------------------------------|--------------------------|----------|

Lateral

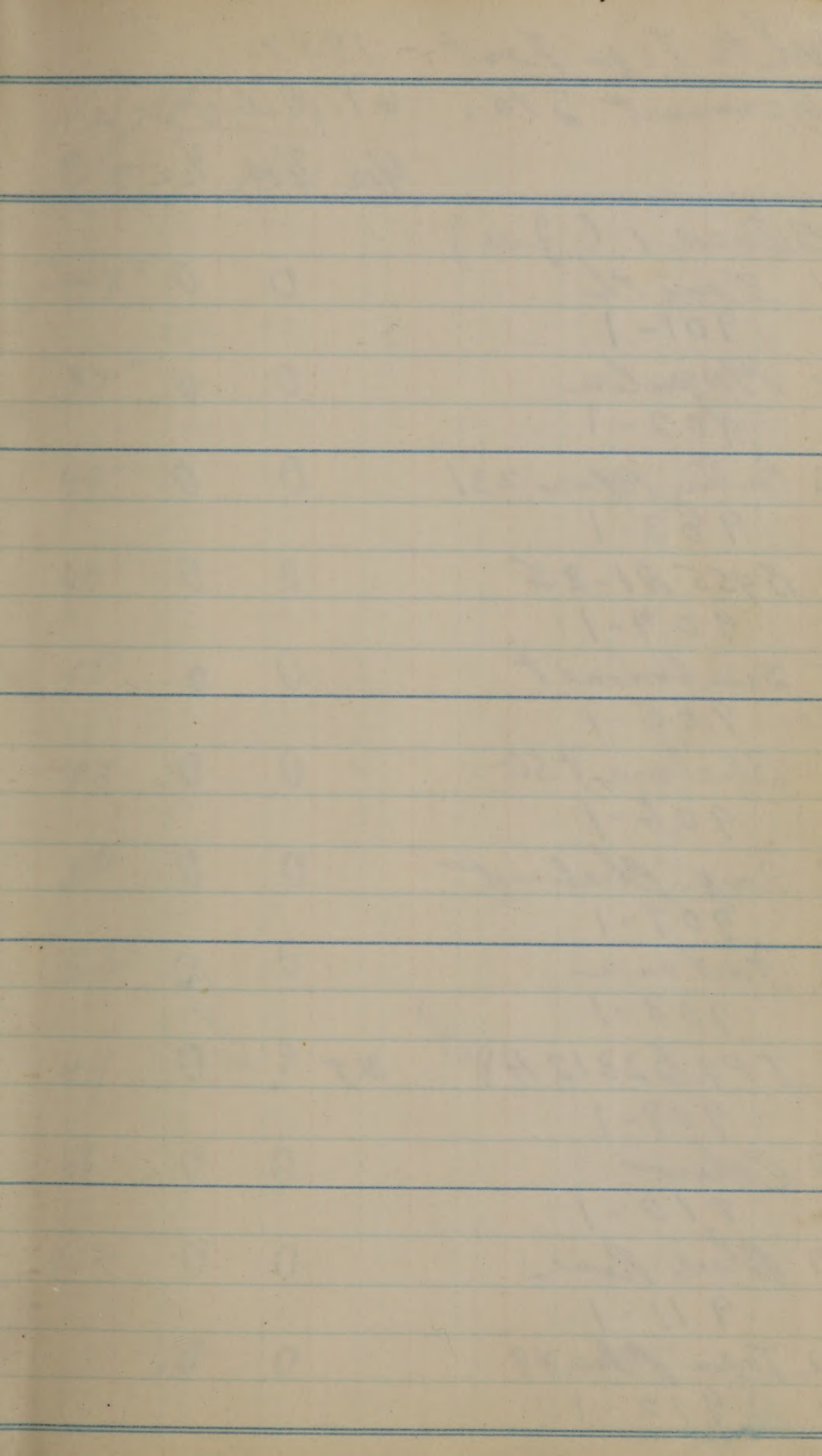
|                         |                         |                         |                                    |          |
|-------------------------|-------------------------|-------------------------|------------------------------------|----------|
| 2 Planted 4/21<br>Inoc. | 3 Planted 4/21<br>Free  | 6 Planted 4/21<br>Inoc. | White Tip<br>Infested Seed<br>H.O. | Beachell |
| 1 Planted 4/21<br>Free  | 4 Planted 4/21<br>Inoc. | 5 Planted 4/21<br>Free  |                                    |          |

Road

Road







# White Tip Test - 1954.

Beaumont Sta.

W.T. Readings

6/12

7/19

7/22

| Block 1 (free) |                            |        |   |         |
|----------------|----------------------------|--------|---|---------|
| 1              | Zenith<br>901-1            | 0      | 0 | Heading |
| 2              | Magnolia<br>902-1          | 0      | 0 | ✓       |
| 3              | Century Patna 231<br>903-1 | 0      | 0 |         |
| 4              | B455 A1-25<br>904-1        | 0      | 0 |         |
| 5              | Sunbonnet<br>905-1         | 0      | 0 |         |
| 6              | Bluebonnet 50<br>906-1     | 0      | 0 |         |
| 7              | Imp. Bluebonnet<br>907-1   | 0      | 0 |         |
| 8              | Fortuna<br>908-1           | 0      | 0 |         |
| 9              | TPXB3812 AH0921<br>909-1   | W.T. ? | 0 |         |
| 10             | Caloro<br>910-1            | 0      | 0 |         |
| 11             | Blue Rose<br>911-1         | 0      | 0 |         |
| 12             | Texas Patna 49<br>912-1    | 0      | 0 |         |



Height

9/8

10/4

47"

50"

49"

40"

50

48

50

52

44

48

52

54"

|               |                       | 4/12 | 7/19    | 7/22  |         |
|---------------|-----------------------|------|---------|-------|---------|
| 13            | Reporo<br>913-1       |      | 0       | 0     |         |
| 14            | Early Probi<br>914-1  |      | 0       | 0     | Heading |
| 15            | B45 12 A1-20<br>915-1 |      | 0       | 0     | Healed  |
|               | Harvested             |      | 8-11-54 |       |         |
| 16            | Ar Rose<br>916-1      |      | 0       | 0     |         |
| 17            | Texas Patna<br>917-1  |      | 0       | 0     |         |
| 18            | Calrose<br>918-1      |      | 0       | 0     | Heading |
| Block 2 (3na) |                       |      |         |       |         |
| 1.            | Century Patna 231     |      | 30/1    | 25/1  |         |
| 2             | Blue Rose             | W.T  | 100/5   | 100/5 |         |
| 3.            | Fortuna               |      | 50/1    | 50/2  |         |
| 4             | Magnolia              | W.T  | 100/4   | 100/5 | Heading |
| 5             | Texas Patna 49        |      | 0       | 0     | (?)     |
| 6             | Imp. Blt.             |      | 0       | 0     | (?)     |



9/8  
Height 10/4  
57"

50

43

51

53"

50

2590

46

Green

48

90 m leads affected  
10-100 m 50 m  
4 fern-like fillers  
leading out

2

52

25 m

53

Not lost

-

52

5-10 m

2 m

48

|                         | 6/12 | 7/19  | 7/22  |        |
|-------------------------|------|-------|-------|--------|
| 7 Calrose               | tr   | 100/5 | 100/5 | Headed |
| 8 Zenith                | W.T  | 100/5 | 100/5 | ✓      |
| 9 Early Pacific         | W.T  | 100/5 | 100/5 | ✓      |
| 10 Arrose ✓             | W.T  | 100/5 | 100/5 |        |
| 11. Bluebonnet 50       |      | 0     | 0     |        |
| 12 B455 A1-25           |      | 0     | 0     |        |
| 13. Texas Patna         |      | 0     | 0     |        |
| 14 TPXB 3812 A          | W.T  | 10/1  | 10/1  |        |
| 15 Rejoro               |      | 0     | 0     |        |
| 16. Sunbonnet           |      | 0     | 0     |        |
| 17 B45-12 A1-20         |      | 0     | 0     | Headed |
| 915-2. Harvest. 8-11-54 |      |       |       |        |
| 18 Caloro               |      | 100/4 | 100/4 |        |



|       | Height |           |
|-------|--------|-----------|
| 8/26  | 9/8    | 10/4      |
| 3070  | 45     |           |
| 2070  | 46     |           |
| 2570  | 30     |           |
| Green | 50     | 10        |
| 270   | 47     |           |
| 270   | 40     |           |
| Left  | -      | 51 - 570  |
| ✓     | 49     |           |
| ✓     | ✓      | 52 - 1570 |
| 577   | 51     |           |
| 3070  | 41     |           |
| 2070  | 48     |           |

|                  | 4/12 | 7/19 | 7/22 |        |
|------------------|------|------|------|--------|
| Block 3 (True)   |      |      |      |        |
| 1. TPXB3812A     | tr.  | 0    | 0    |        |
| 2. B455A1-25     |      | 0    | 0    |        |
| 3. B4512A1-20    |      | 0    | 0    | Healed |
| 4 Imp. Bbt.      |      | 0    | 0    |        |
| 5 Texas Petna    |      | 0    | 0    |        |
| 6 Sunbonnet      |      | 0    | 0    |        |
| 7 Early Prolific | tr   | 0    | 0    | Healed |
| 8 Calrose        | W.T  | 0    | 0    |        |
| 9 Blue Rose      | W.T  | tr   | 1/5  |        |
| 10 Magnolia      |      | 0    | 0    | Healed |
| 11 Rexoro        |      | 0    | 0    |        |
| 12. Fortuna      |      | 0    | 0    |        |



Ht.  $10/4$

50

40

42

52

- 55

53

51

47

56

50

- 53

56

|                         |                   | 4/12 | 7/19 | 7/22 |         |
|-------------------------|-------------------|------|------|------|---------|
| 13                      | Caloro            |      | 0    | 0    |         |
| 14                      | Century Patna 231 |      | 0    | 0    | Heading |
| 15                      | Ar Rose           |      | 0    | 0    |         |
| 16                      | Texas Patna 49    |      | 0    | 0    |         |
| 17                      | Zenith            |      | 0    | tr/s | Heading |
| 18                      | Blue bonnet 50    |      | 0    | 0    |         |
| <u>Block 4. (5 nos)</u> |                   |      |      |      |         |
| 1.                      | Texas Patna 49    |      | 20/1 | 0    |         |
| 2                       | Bluebonnet 50     |      | 0    | 0    |         |
| 3.                      | Early Prolific    | w.t  | 90/5 | 90/5 | Heading |
| 4.                      | Caloro            |      | 90/4 | 90/4 |         |
| 5                       | Ar Rose           | tr   | 95/5 | 95/5 |         |
| 6                       | Blue Rose         | w.T. | 80/4 | 80/4 |         |



8/26

9/8

11/1

13/4

51

49

51

- 54

48

51

Date

- 52

540

2000

46

4000

48

4000

45

5000

49

Sat

53

30000

|                       |      | 4/12  | 7/19  | 7/22 |         |
|-----------------------|------|-------|-------|------|---------|
| 7 Century Pattern 231 | tr   |       | 10/1  | 10/1 |         |
| 8 TPX B3812A          | tr   |       | 0     | 0    |         |
| 9 Rexoro              |      |       | 0     | 0    |         |
| 10 Imp. Blt.          |      |       | (2) 0 | 0    |         |
| 11. Texas Pattern     |      |       | 0     | 0    |         |
| 12. Zenith            | W.T. | 100/5 | 100/5 |      | Heading |
| 13. B4512A1-20        | tr   |       | 0     | 0    | Headed  |
| 14 Calrose            | W.T. | 100/5 | 100/5 |      | Heading |
| 15 Sunbonnet          |      |       | 50/1  | 20/1 |         |
| 16 Magnolia           | W.T. | 90/4  | 90/4  |      | Heading |
| 17 Fortuna            |      |       | 20/1  | 20/1 |         |
| 18 B455A1-25          |      |       | 0     | 0    |         |



|      |     |       |     |
|------|-----|-------|-----|
|      | 9/8 |       |     |
| 8/26 | Ht. | 10/4  |     |
| 800  | 45  |       |     |
| ✓    | 48  | Smart |     |
| ✓    | -   | 53    | 500 |
| 200  | 31  |       |     |
| ✓    | -   | 54    | 500 |
| 2000 | 48  |       |     |
| 1500 | 43  |       |     |
| 7500 | 46  |       |     |
| 300  | 54  |       |     |
| 500  | 49  |       |     |
| 0    | 55  |       |     |
| 200  | 45  |       |     |

|                  |      | 6/12 | 7/19 | 7/22 |       |
|------------------|------|------|------|------|-------|
| Block 5 (free)   |      |      |      |      |       |
| 1 Sunbonnet      | W.T. | 0    | 0    |      |       |
| 2 Imp. Bbt.      |      | 0    | 0    |      |       |
| 3. Texas Patna   |      | 0    | 0    |      |       |
| 4 Calrose        |      | 0    | 0    |      |       |
| 5 Blue Rose      |      | 1/2  | 1/5  |      |       |
| 6 Zenith         | W.T. | 1/2  | 1/5  |      | Healy |
| 7. B455 A1-25    |      | 0    | 0    |      |       |
| 8 Early Prolific | K.T. | 1/2  | 1/5  |      | Healy |
| 9 Century Patna  | K.T. | 0    | 0    |      |       |
| 10 Bluebonnet 50 |      | 0    | 0    |      |       |
| 11 Fortuna       |      | 0    | 0    |      |       |
| 12 B4512 A1-20   |      | 0    | 0    |      | Healy |



8/26 Ht 10/4

51

50

- 55

47

53

47

40

50

45

52

56

47

|                        | 4/12 | 7/19  | 7/22  |         |
|------------------------|------|-------|-------|---------|
| 13 Magnolia            |      | 0     | 0     | Healthy |
| 14 Caloro              |      | 0     | 0     |         |
| 15 Texas Patna 49      |      | 0     | 0     |         |
| 16 TPX 3812A           |      | 0     | 0     |         |
| 17 AnRose              |      | 0     | 0     |         |
| 18 Rexoro              |      | 0     | 0     |         |
| <u>Block 6 (Inoc.)</u> |      |       |       |         |
| 1 AnRose ✓             | NT   | 100/5 | 100/5 |         |
| 2 Caloro               | NT   | 100/5 | 100/5 |         |
| 3 Calrose              | NT   | 100/5 | 100/5 | Healthy |
| 4 Early Prolific       | NT   | 100/5 | 100/5 | ✓       |
| 5 Bluebonnet 50        |      | 0     | 0     |         |
| 6 TPXB 3812A           | tu   | 10/2  | 10/1  |         |



8/26

Ht. 1 1/4

54

54

- 55

52

56

- 55

240

49

570

44

3070

46

4070

48

2000

50

✓

52

|                                              |      | 4/12  | 7/14  | 7/22   |  |
|----------------------------------------------|------|-------|-------|--------|--|
| 7 Magnolia                                   | L.T  | 90/5  | 90/5  | Heady  |  |
| 8 Sunbonnet                                  |      | 0     | 10/1  |        |  |
| 9 Fortuna                                    |      | 90/1  | 90/2  |        |  |
| 10 Blue Rose                                 | L.T  | 100/5 | 100/5 |        |  |
| 11 Century Patna 231                         |      | 10/1  | 10/1  | Heady  |  |
| 12 Reforo                                    |      | 0     | 0     |        |  |
| 13 B455 A1-25                                |      | 0     | 0     |        |  |
| 14 B455 A1-20 <sup>3</sup> <i>push 4512A</i> |      | 0     | 0     | Headed |  |
| 15 Zenith                                    | L.T, | 100/5 | 100/5 | Heady  |  |
| 16 Texas Patna                               |      | 0     | 0     |        |  |
| 17 imp. BbT.                                 |      | 0     | 0     |        |  |
| 18 Texas Patna 49                            |      | 0     | 0     |        |  |



| $8/26$ | Height $10/4$ |           |                 |
|--------|---------------|-----------|-----------------|
| 2070   | 49            |           |                 |
| 2070   | 54            |           |                 |
| 2070   | 56            |           |                 |
| ✓      | 50            | Irregular | 5070 reduction  |
| 570    |               |           |                 |
| 570    | 46            |           |                 |
| ✓      |               |           |                 |
| ✓      | -             | 54        | 10070 reduction |
| 2070   | 41            |           |                 |
| 20     | 49            |           |                 |
| 577    | 47            |           |                 |
| ✓      | -             | 56        | 570 reduction   |
| 277    | 52            |           |                 |
| ✓      | -             | 54        | 570             |

Harvesting

15' of 2 center rows

8-11-54

915 (B45 12 A 1-20

8-25-54

Zimilk

in cage

E. R.

9-8-54

C. Patana 231

Sherbonnet

Blt. 50

Fortuna

9-16-54

B455 A 1-25

Imp. Blt.

A O-421

Calrose

Or Rose

Coloso

10-5-54

B.R.

7 P.

7 P 49

Ref.





17

## Helminthosporium Resistance

Nursery Test - Beaumont -

Row

9-7-54  
H.O. C.O. etc

7065 - Check

5

7066 - (8003)  
Yellow

1-2

9-7-54  
C.O. - 37067 - (8003)  
Yellow

1-2

7068 - Check

5

7069 - (8005)

1

10-7-54 (MS)  
H.O. - 2  
C.O. - 1-2 (S)

7070 - (8005)

1

7071 - Check

5

10-7-54  
H.O. - 1-2  
C.O. - 1-2 MA

7072 - (8015)

1 smut

7073 - (8015)

1

7074 - Check

5

7075 - (8017)

1 smut

7076 - (8017)

1



|                         |           | 197-51 |           |
|-------------------------|-----------|--------|-----------|
| Row                     | No.       | No.    | C.O.      |
| 7077 - check            | 5         |        |           |
| 7078 - (8018)           | 1<br>Smt. | 1      | 1-25      |
| 7079 - (8018)           | 1         |        |           |
| 7080 - check            | 5         |        |           |
| 7081 - (8030)<br>No. 55 | 1         | 1      | 1-2 Later |
| 7082 - (8030)           | 1         |        |           |
| 7083 - check            | 5         |        |           |
| <u>7084 - (8030)</u>    | 1         |        |           |
| 7085                    |           |        |           |
| 7086                    |           |        |           |
| 7087                    |           |        |           |
| 7088                    |           |        |           |

7089

7090

7091

7092

7093

7094

7095

7096

7097

7098

7099

7100



9-29-54

10-7-54

H.O. H.O. C.O.

7101 - cheer

5

7102 - (8033)

2 MR

H.O. - 609

7103 - (8033)

2 MR

7104 - cheer - 5

7105 - (8056)

1-P

1-2

1-2-MR

H.O. - 388

Family early - mid left

7106 - (8056)

1-P

7107 - cheer

5

7108 - (8057)

1

1

1P

Data -

7109 - (8057)

1

1

1P

7110 - cheer

5

7111 - (8065)

2 MR

2+

H.O. - 443

MS

7112 - (8065)

-2 MR

2+

|                       |     |       |              | 10-7-54     |
|-----------------------|-----|-------|--------------|-------------|
| Row                   | NO. | P.O.  | H.O.         | P.O.        |
| 7113-check            | 5   |       |              |             |
| 7114-(8063)           | 1   |       | 1-2P         | 1-P<br>date |
| 7115-(8063)           | 1   |       |              |             |
| 7116-check            | 5   |       |              |             |
| 7117-(8072)<br>Ho-468 | 1   | Lower | 1-2<br>Lower | Lower dying |
| 7118-(8072)           | 1   | ✓     | 1-2          |             |
| 7119-check            | 5   |       | -            |             |
| 7120-(8078)           | 1-2 | 2-3   | 2-3          | Indite      |
| 7121-(8078)           | 1-2 | 2     | 2-3          |             |
| 7122-check            | 5   |       |              |             |
| 7123-(8080)<br>Ho-473 | 1-2 | 1     | 1-2          |             |
| 7124-(8080)           | 1-2 | 1     | 1-2          |             |



|                        |     |      |       | 10-7 |    |
|------------------------|-----|------|-------|------|----|
| Row                    | No. | P.O. | Intf  | No.  | CU |
| 7125-check             | 5   | -    | -     |      |    |
| 7126-(8083)            | 1-2 |      |       | 2    | 2  |
| HU-484                 |     |      |       |      |    |
| 7127-(8083)            | 1-2 |      |       |      |    |
| 7128-check             | 5   | -    | -     |      |    |
| 7129-(8102)            | 1-2 |      |       |      |    |
| 7130-(8102)            | 1-2 |      |       |      |    |
| 7131-check             | 5   |      |       |      |    |
| 7132-(8106)            | 1-2 | 1-2  |       | 2    |    |
| B38+2-A1               |     | head | Prise |      |    |
| 7133-(8106)            | 1-2 | 1-2  |       |      |    |
| 7134-check             | 5   |      |       |      |    |
| 7135-(8108)            |     |      |       |      |    |
| <del>7136-(8108)</del> |     |      |       |      |    |

9-29

Row

NO. C.O. cgl Smit

7135-(8108)

1 1-2 2

weave ~~Prer~~

7136-(8108)

1 1-2 2

7137 check

5

7138-(8109)

1 1-2

Not showing as many weaf Prer

7139(8109)

1 1-2

NO. 1-2

7140 check

5

7141-(8114)

1

1

✓

NO-3

1-2 25 10-9

7142-8114

1

1

✓

7143-check

5

7144 (8120)

1

2

HO-9

7145-(8120)

1

2

7146-check

5



9-29

No. C.O. 5th

7147 - (8138) 1 Green stiff straw

No-67 Some of lower leaves dying

7148 - 8138 1

7149 - Churn

5

7150 - 8140

1-2

1

2

No-83

7151 - 8140

1-2

1

2

7152 - Churn

5

7153 - 8141

1

2

Sunt

7154 - 8141

1

2

✓

7155 Churn

5

7156 - 8143

2 MP

No-97

7157 - 8143

2 MP

7158 - Churn

5

Sunt

|            |  | 9-29         |       |          |
|------------|--|--------------|-------|----------|
| ROW        |  | H.O.C.O. 251 |       |          |
| 7159-8147  |  | 1-2          | 1     | Heavy Sm |
|            |  | 10-9-110-2   |       |          |
| 7160-8147  |  | 1-2          | 1     |          |
| 110-114    |  |              |       |          |
| 7161-check |  | 5            |       |          |
| 7162-8159  |  | 1-2          | 2 2-3 | Sm       |
| 110-135    |  |              |       |          |
| 7163-8159  |  | 1-2          | 2 2-3 | ✓        |
| 7164-check |  | 5            |       |          |
| 7165-8161  |  | 1-2          | 1-2   |          |
| 110-143    |  |              | Sm    |          |
| 7166-8161  |  | 1-2          | 1-2   | 1        |
| 7167-check |  | 5            |       |          |
| 7168-8171  |  | 1-2          | 1     |          |
| 110-281    |  |              |       |          |
| 7169-8171  |  | 1-2          | 1     |          |
| 7170-check |  | 5            |       |          |



9-29

| Row        | No. | P.O.           | Entry |                 |
|------------|-----|----------------|-------|-----------------|
| 7171-8173  | 1-2 |                | 1     | <u>insulate</u> |
| 7172-8173  | 1-2 |                | 1     |                 |
| 7173-check | 5   |                |       |                 |
| 7174-8174  | 1-2 |                |       |                 |
| HO-302     |     |                |       |                 |
| 7175-8174  | 1-2 |                |       |                 |
| 7176-check | 5   |                |       |                 |
| 7177-8180  | 1   |                | 1-2   | <u>Sum</u>      |
| HO-341     | 1-2 | <del>1-2</del> |       |                 |
| 7178-8180  | 1   |                | 1-2   |                 |
| HO-341     |     |                |       |                 |
| 7179-check | 5   |                |       |                 |
| 7180-8180  | 1   | 1-2            | 1     |                 |
| 7181-8180  | 1   | 1-2            | 1     |                 |
| 7182-check | 5   |                |       |                 |

7-29  
Hb. C.O. 209

7183-8182

1-2 1-2

5-10-6  
Sm x

7184-8182

1-2 1-2

~~7185~~~~7186~~~~7187~~~~7188~~~~7189~~~~7190~~~~7191~~~~7192~~

7193

7194



Row

7195

7196

7197

7198

7199

7200

9-29-54

No. C.O. Entry

7201 - 8183

1-2

1-2

Sunt

7202 - 8183

1-2

1-2

7203 - check

5

7204 - 8183

1

1-2

7205 - 8183

1

1-2

7206 - 8201

1

1-2

|                  |      |              |  |
|------------------|------|--------------|--|
|                  |      | No. C.O. Egg |  |
| 7207 - 8201      | 1    | 1-2          |  |
| 7208 - 314 check | 2-3  |              |  |
| 7209 - 8201      | 1    |              |  |
| 7210 check       | 2-3  |              |  |
| 7211 8202        | 1-2  |              |  |
| 7212 - 8202      | 1-2  |              |  |
| 7213 - check     | 2-3  |              |  |
| 7214 - 8204      | 1-2  |              |  |
| HO - 364         | late |              |  |
| 7215 - 8204      | 1-2  |              |  |
| 7216 - check     | 3    |              |  |
| 7217 - 8205      | 1    |              |  |
| HO - 364         |      |              |  |
| 7218 - 8205      | 1    |              |  |



|            |         |                |
|------------|---------|----------------|
|            | 9-29-54 |                |
| Raw        | 10      | C.G.           |
| 7219-check | 3       |                |
| 7220-8210  | 2       | late           |
| NO-421     | all     | NO-2 + NO-9-54 |
| 7221-8210  | 2       |                |
| 7222-check | 2-3     |                |
| 7223-8213  | 1-2     | NO-2 (NO-9-54) |
| NO-421     | (S/now) |                |
| 7224-8213  | 1-2     |                |
| 7225-check | 2-3     |                |
| 7226-8216  | 1       |                |
| NO-438     | (Rate)  |                |
| 7227-8216  | 1       |                |
| 7228-check | 2-3     |                |
| 7229-8229  | 1       | late           |
| NO-485     |         |                |
| 7230-8229  | 1       |                |

|                      |          |     |                             |
|----------------------|----------|-----|-----------------------------|
|                      | 9-27     |     |                             |
|                      | Hb. C.V. |     |                             |
| 7231- check          | 2-3      |     |                             |
| 7232- 8231<br>HO-485 | 1        |     | Imitate                     |
| 7233-8231            | 1        |     | Set                         |
| 7234- check          | 2-3      |     |                             |
| 7235-8232<br>HO-485  | 1-2      | 1-2 | Faint good<br>Early, short, |
| 7236-8232            | 1-2      | 1-2 | ✓                           |
| 7237- check          | 2-3      |     |                             |
| 7238- 8235<br>HO-485 | 1-2      |     |                             |
| 7239-8235            | 1-2      |     |                             |
| 7240- check          | 2-3      |     |                             |
| 7241-8237            | 1-2      |     |                             |
| 7242-8237            | 1-2      |     |                             |



9-29

Hb, C. U. CH

7243-check

2-3

7244-8238

1  
late

7245-8238

1

7246-check

2-3

7247-8240

1

1-2

7248-8240

1

1-2

7249-check

2-3

7250-8244

1-2

Hb-489

late

7251-8244

1-2

7252-check

2-3

7253-8247

2-2

B3

isolated  
Balephing on

7254-8247

2-2

|             |           |     |         |
|-------------|-----------|-----|---------|
|             | 9-27      |     |         |
|             | 146, C.O. |     |         |
| 7255- check | 2-3       |     |         |
| 7256- 8250  | 1-2       | 1-2 |         |
| 7257- 8250  | 1-2       | 1-2 |         |
| 7258- check | 2-3       |     |         |
| 7259- 8252  | 1         |     |         |
| 7260- 8252  | 1         |     |         |
| 7261- check | 2-3       |     |         |
| 7262- 8253  | 1-2       | 3 S | 10-9-56 |
| 7263- 8253  | 1-2       | 3 S | 4-C.O.  |
| 7264- check | 2-3       |     |         |
| 7265- 8253' | 2         | 2-3 |         |
| 7266- 8253' | 2         | 2-3 |         |



|                |     |         |                          |  |  |
|----------------|-----|---------|--------------------------|--|--|
|                |     | 9-29    |                          |  |  |
|                |     | HO C.B. |                          |  |  |
| 7267 - check   | 2-3 |         |                          |  |  |
| 7268 - 8210    | 2   |         | 5 white                  |  |  |
|                |     |         | 16-7-54                  |  |  |
| 7269 - 8210    | 2   |         | (2-3 - HO, S)            |  |  |
| 7270 - check   | 2-3 |         |                          |  |  |
| 7271 - 8210    | 2   |         | Gold Hull HO, 2-3        |  |  |
| HO - 421       |     |         |                          |  |  |
| 7272 - 8210    | 2   |         | 51 mm Hull (HO - 2 m P,) |  |  |
| 7273 - check   | 2-3 |         |                          |  |  |
| 7274 - 8213    | 2   | 1-2     |                          |  |  |
| HO - 421       |     |         |                          |  |  |
| 7275 - 8213    | 2   | 1-2     |                          |  |  |
| 7276 - check   | 2-3 |         |                          |  |  |
| 7277 - Todd me | 1-2 | 1-2     |                          |  |  |
| 7278 ✓         | 1-2 | 1-2     |                          |  |  |

9-27

No. C.O

7279 - check 2-3

7280 - Todd 172 1-2 1-2 Smt

7281 ✓ 1-2 Later

7282 check 2-3

7283 - Todd 172 1

Late, short

7284 ✓ 1

Checks 7062-7125 - one

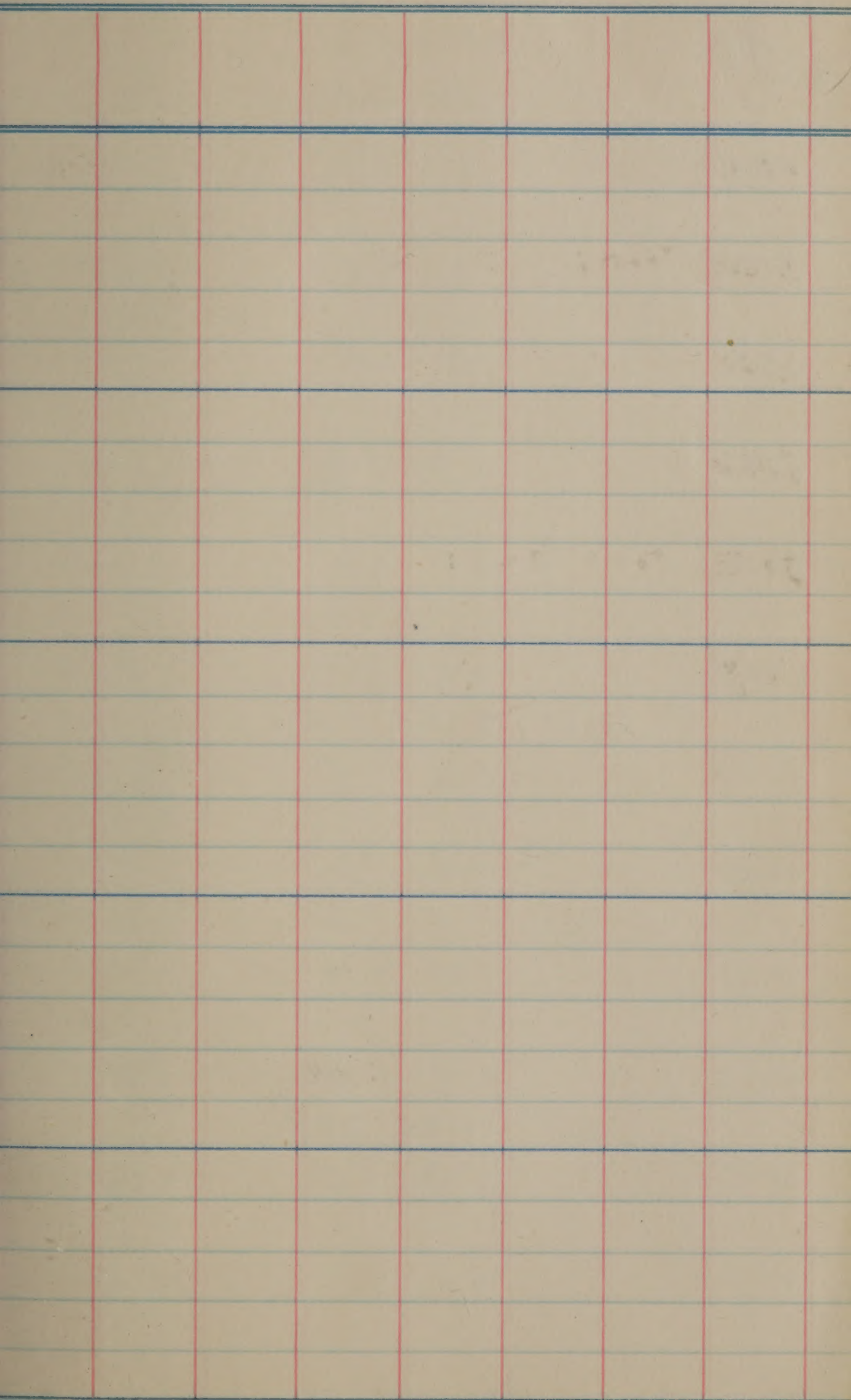
B52-2579.

Checks 7128-7203 (B52-2583)

one each from Todd.

Balance of checks as reg Bkt.











| 5971   | 1-5               | 1-5               |        |
|--------|-------------------|-------------------|--------|
|        | H.D               | P.O               |        |
| 5053   | 1                 | 1 (S)             | Needed |
| 5054   | 1                 | 1 (S)             | Needed |
| 5055   | 0                 | 0                 | ✓      |
| 5056   | 1 (S)             | 1 (S)             | ✓      |
| 5057   | 1                 | 1 (S)             | ✓      |
| 5058   | 2 (S)             | 1 (S)             | But    |
| 9-20   | 1-2 <sub>MR</sub> | 2-3 <sub>MS</sub> |        |
| 5059   | 1 S               | 1 (P?)            | Needed |
| 5060   | 1 (P?)            | 1 (P?)            | ✓      |
| 5061   | 1 (MR)            | 1 (MR)            | ✓      |
| 5062   | 1 (R?)            | 1 (R)             | But    |
| (9-20) | 1-2 <sub>R</sub>  | 2 <sub>MR</sub>   |        |
| 5063   | 2 (S)             | 1                 | Needed |
| 5064   | 1                 | 1                 | ✓      |





N.O C.O

5065

(9-20) 1(R) 1 Boot 1-  
 1-2 MR 1-2 MR 3-2

5066

1 1 Headed

5067

1(S) 0 ✓

1-2 P 1-2 P

5068

1 S 0 ✓

1-2 P 1-2 P

5069

1(S) 0 Boot

1-2 AS 1-2 P

5070

1 S 1(A) ✓

1-2 MR 1-2 P

5071

1(R) 0 Headed

1-2 R 1-2 P

5072

1(R) 0 ✓

R R

5073

1 0 ✓

R R

5074

1 1 ✓

R R

5075

1(R) 1 ✓

R R

5076

2 S 0 ✓





H.O C.O

5077

1 1  
R R

Heading

5078

1 R 0  
1 R 1 R

Hooded

5079

1 S 0

✓

5080

2 M 1 R

✓

5081

1 0  
1 R 1 R

✓

5082

1 1  
1-2 MR 1-2 MR

✓

5083

1 0  
1-2 MR 1-2 MR

Bust

5084

1 0  
1-2 MR 1-2 MR

✓

~~5085~~~~5086~~~~5087~~~~5088~~



1802

1803

1804

1805

1806

1807

1808

1809

1810

1811

1812

1813

5089

5090

5091

5092

5093

5094

5095

5096

5097

5098

5099

5100





|      | H.O         | P.O    | k.t. |           |
|------|-------------|--------|------|-----------|
| 5101 | -           | -      |      | Harvested |
| 5102 | 1           | 1      | 5    | Headed    |
| 5103 | 3(S)        | 1      |      | Headed    |
| 5104 | (9-20) 1(S) | 0      |      | ✓         |
| 5105 | 1-2 MR      | 1-2 MR |      |           |
| 5105 | 1(S)        | 0      | 5    | Reeding   |
|      | 1-2 MR      | 1 R    |      |           |
| 5106 | 1 R         | 0      |      | Headed    |
|      |             | 1-2 MR |      |           |
| 5107 | 1 R         | 1      | Ins. | Mature    |
| 5108 | 1 R         | 0      |      | ✓         |
| 5109 | 1           | 0      | Ins. | ✓         |
| 5110 | 1           | 0      |      | Reeding   |
|      | 1 R         | 1 R    |      |           |
| 5111 | 1           | 0      | 3    | Boat      |
|      | 1 R         | 1 R    |      |           |
| 5112 | 1           | 0      | 5    | ✓         |
|      | 1 R         | 1 R    |      |           |





|      |        | H.O.               | P.O.               | h.T. |                     |
|------|--------|--------------------|--------------------|------|---------------------|
| 5113 |        | 1                  | 0                  |      | Headed              |
| 5114 |        | 1                  | 0                  |      | ✓                   |
| 5115 |        | 1(R)               | 0                  |      | Blot<br>Purple L    |
| 5116 |        | 1(R)               | 0                  |      | Headed<br>Purple L. |
| 5117 |        | 1                  | 0                  |      | Headed              |
|      | (1+20) | 1R                 | 1- <sup>2</sup> MR |      |                     |
| 5118 |        | 1                  | 0                  |      | Headed              |
|      |        | 1- <sup>2</sup> MR | 1- <sup>2</sup> MR |      |                     |
| 5119 |        | 1                  | 0                  |      | ✓                   |
|      |        | 1- <sup>2</sup> MR | 1R                 |      |                     |
| 5120 |        | 1                  | 0                  |      | ✓                   |
|      |        | 1R                 | 1R                 |      |                     |
| 5121 |        | 1(RA)              | 0                  |      | ✓                   |
|      |        | R                  | R                  |      |                     |
| 5122 |        | 1                  | 0                  |      | ✓                   |
|      |        | 2MS                | 1R                 |      |                     |
| 5123 |        | 1                  | 0                  |      | ✓                   |
|      |        | 1R                 | 1- <sup>2</sup> MR |      |                     |
| 5124 |        | 1                  | 1                  |      | ✓                   |
|      |        | 1R                 | 1R                 |      |                     |





|        | N.O                       | C.O      | L.I.                        |                    |
|--------|---------------------------|----------|-----------------------------|--------------------|
| 5125   | 1<br>1R                   | 0<br>R   |                             | Headed             |
| 5126   | 1<br>1R                   | 0<br>1R  |                             | ✓                  |
| (9-20) |                           |          |                             |                    |
| 5127   | 1<br>1R                   | 0<br>1R  |                             | ✓                  |
| 5128   | 1<br>1 <sup>2</sup><br>mR | 0<br>1R  |                             | ✓                  |
| 5129   | <u>1</u>                  | <u>—</u> |                             | Harvested          |
| 5130   | 1                         | 0        | (Stability<br>3 ms.)        | Headed             |
| 5131   | 1                         | 1        |                             | Mature             |
| 5132   | 2                         | 1        | 3 ms.                       | (3 seg.)<br>Mature |
| 5133   | 1                         | 0        |                             | Headed             |
| 5134   | 1                         | 0        |                             | ✓                  |
| 51     |                           |          |                             |                    |
| 5135   | 1<br>R                    | 0<br>R   | tr.<br>(H.O. desc. mix/acc) | Port               |
| 5136   | 1<br>R                    | 0<br>R   |                             | Headed             |





|      |        | 1/0        | 00     |                 |
|------|--------|------------|--------|-----------------|
| 5137 |        | 1          | 0      | Headed          |
| 5138 |        | 1          | 0      | Headed          |
| 5139 |        | 1          | 0      | ✓               |
| 5140 |        | 1 (R)      | 0      | Boat            |
|      | (p-20) | 1 R        | 1 R    |                 |
| 5141 |        | 1 (S)      |        | Harvester       |
| 5142 |        | 1          | 1      | Headed          |
| 5143 |        | 1 (A)<br>R | 0<br>R | (May.) → Headed |
| 5144 |        | 1 R        | 0      | ✓               |
| 5145 |        | 1          | 0      | ✓               |
|      |        | 1 R        | 1 R    |                 |
| 5146 |        | 1          | 0      | (Drumf.) ✓      |
|      |        | 1 R        | 2-3 S  | 3m              |
| 5147 |        | 1          | 0      | W. T. ✓         |
| 5148 |        | 1          | 0      | ✓               |





|      | NO.   | C.O. |                       |
|------|-------|------|-----------------------|
| 5149 | 1 R.  | 0    | (spend) Bunt.         |
|      | 1 R   | 1 R  |                       |
| 5150 | 1 R.  | 0    | ✓                     |
|      | R     | R    |                       |
| 5151 | 1 R.  | 0    | Headed                |
| 5152 | 1 R.  | 0    | Bunt                  |
|      | R     | R    |                       |
| 5152 | 1 R   | 0    | Headed                |
|      | R     | 1 R  |                       |
| 5153 | 1 R   | 1    | ✓                     |
| 5154 | 1 R   | 0    | ✓                     |
| 5155 | 1 R   | 0    | Headed                |
| 5156 | 1 R   | 0    | Headed                |
| 5157 | 1     | 0    | ✓                     |
| 5158 | 1 (R) | 1    | ✓                     |
| 5159 | 1 R   | 0    | purple Hall<br>Headed |





H.O.C.O

5160

1(R) 0

Keadel

5161

1(R) 0

✓

5162

1(R) 0

(R) ✓

5163

1(R) 0

(tall) ✓

5164

1(R) 1

(Brick) ✓

5165

1 1

✓

5166

1 R 0

✓

5167

1(R) 0

✓

5168

1(R) 1

✓

5169

1(R) 1

✓

5170

1 1

✓

5171

1 0

Solef

✓





H.O. C.D.

| 5172 | 1      | 1 |  | Dodge | Head |
|------|--------|---|--|-------|------|
| 5173 | 2      | 1 |  | ✓     | ✓    |
| 5174 | 2      | 2 |  | ✓     | ✓    |
| 5175 | 2      | 2 |  | ✓     | ✓    |
| 5176 | 1      | 2 |  |       | ✓    |
| 5177 | 1R     | 0 |  |       | ✓    |
| 5178 | 1R     | 0 |  |       | ✓    |
| 5179 | 1      | 1 |  |       | ✓    |
| 5180 | 1      | 1 |  |       | ✓    |
| 5181 | 1      | 1 |  |       | ✓    |
| 5182 | 2-3(5) | 1 |  |       | ✓    |
| 5181 | 1      | 0 |  |       | ✓    |
| 5182 | 1      | 1 |  |       | ✓    |



| Year | Month | Day | Time  | Location | Remarks |
|------|-------|-----|-------|----------|---------|
| 1912 | Jan   | 1   | 10:00 | ...      | ...     |
| 1912 | Jan   | 2   | 10:00 | ...      | ...     |
| 1912 | Jan   | 3   | 10:00 | ...      | ...     |
| 1912 | Jan   | 4   | 10:00 | ...      | ...     |
| 1912 | Jan   | 5   | 10:00 | ...      | ...     |
| 1912 | Jan   | 6   | 10:00 | ...      | ...     |
| 1912 | Jan   | 7   | 10:00 | ...      | ...     |
| 1912 | Jan   | 8   | 10:00 | ...      | ...     |
| 1912 | Jan   | 9   | 10:00 | ...      | ...     |
| 1912 | Jan   | 10  | 10:00 | ...      | ...     |
| 1912 | Jan   | 11  | 10:00 | ...      | ...     |
| 1912 | Jan   | 12  | 10:00 | ...      | ...     |
| 1912 | Jan   | 13  | 10:00 | ...      | ...     |
| 1912 | Jan   | 14  | 10:00 | ...      | ...     |
| 1912 | Jan   | 15  | 10:00 | ...      | ...     |
| 1912 | Jan   | 16  | 10:00 | ...      | ...     |
| 1912 | Jan   | 17  | 10:00 | ...      | ...     |
| 1912 | Jan   | 18  | 10:00 | ...      | ...     |
| 1912 | Jan   | 19  | 10:00 | ...      | ...     |
| 1912 | Jan   | 20  | 10:00 | ...      | ...     |
| 1912 | Jan   | 21  | 10:00 | ...      | ...     |
| 1912 | Jan   | 22  | 10:00 | ...      | ...     |
| 1912 | Jan   | 23  | 10:00 | ...      | ...     |
| 1912 | Jan   | 24  | 10:00 | ...      | ...     |
| 1912 | Jan   | 25  | 10:00 | ...      | ...     |
| 1912 | Jan   | 26  | 10:00 | ...      | ...     |
| 1912 | Jan   | 27  | 10:00 | ...      | ...     |
| 1912 | Jan   | 28  | 10:00 | ...      | ...     |
| 1912 | Jan   | 29  | 10:00 | ...      | ...     |
| 1912 | Jan   | 30  | 10:00 | ...      | ...     |
| 1912 | Jan   | 31  | 10:00 | ...      | ...     |

9-20

116. C. V.

5183 Reprint ✓

2MR 1R

5184 ✓

2MR 1R

~~5185~~~~5186~~~~5187~~~~5189~~~~5190~~~~5191~~~~5192~~~~5193~~~~5194~~~~5195~~~~5196~~





H.O. C.D

5197

5198

5199

5200

5201

2(S) 0

Heeded

5202

1 1

✓

5203

2(S) 1

✓

5204

3 S 0

✓

5205

1 0

✓

5206

2(S) 1

✓

5207

1(S) 1

✓

5208

4(S) 0

✓

(Poor stand)





|      |  | H.O.           | C.O. |             |             |
|------|--|----------------|------|-------------|-------------|
| 5209 |  | 2 <sup>s</sup> | 0    |             | Horned      |
| 5210 |  | 2(S)           | (2)  |             | Headed      |
| 5211 |  | 1(R)           | 0    | WT.         | ✓           |
| 5212 |  | 2(S)           | 1    | Beard       | ✓           |
| 5213 |  | 2(S)           |      |             | Horned      |
| 5214 |  | 2(S)           |      |             | Just Headed |
| 5215 |  | 2(S)           |      |             | ✓           |
| 5216 |  | 3(S)           |      | Beard<br>WT | ✓           |
| 5217 |  | 1(R)           |      | Beard       | ✓           |
| 5218 |  | 2              |      |             | ✓           |
| 5219 |  | 1              |      |             | ✓           |
| 5220 |  | 2(S)           | 1    |             | ✓           |





|      | NO CO              |   |            |        |
|------|--------------------|---|------------|--------|
| 5221 | 1(R)               |   | Seg Healed |        |
| 5222 | 2(S)               |   |            | ✓      |
| 5223 | 1(R)               |   | gas        | ✓      |
| 5224 | 1                  | 1 | gas        | Healed |
| 5225 | 1(R)               |   |            | Healed |
| 5226 | 1(R)               |   |            | ✓      |
| 5227 | 1R                 |   | Entylone   | ✓      |
| 5228 | 1(R)               |   |            | ✓      |
| 5229 | 2(S)               |   |            | ✓      |
| 5230 | 1(R <sup>o</sup> ) |   |            | ✓      |
| 5231 | 1                  | 1 |            | ✓      |
| 5232 | 3S                 | 1 |            | ✓      |





|              |      |          |               |
|--------------|------|----------|---------------|
|              | 11.6 | c.D      |               |
| 5233         | 1(R) |          | Healed        |
| 5234         | 1 R  |          | ✓             |
| Purple Blend |      |          |               |
| 5235         | 1    |          | ✓             |
| 5236         | 1    | (M.H) Jm | ✓             |
| 5237         | 1 R  |          | ✓             |
| 5238         | 1 R  |          | ✓             |
| 5239         | 1    |          | ✓             |
| 5240         | 2(S) | Jm       | ✓             |
| 5241         | 3(S) |          | ✓             |
| 5242         | 1(S) | 1        | ✓             |
| 5243         | 2    | 1        | ✓             |
| 5244         | 2    | 0        | Jm. Harvested |



| No. | Date   | Description | Amount |
|-----|--------|-------------|--------|
| 1   | Jan 1  | To Balance  | 100.00 |
| 2   | Jan 2  | By Cash     | 50.00  |
| 3   | Jan 3  | To Cash     | 75.00  |
| 4   | Jan 4  | By Cash     | 25.00  |
| 5   | Jan 5  | To Cash     | 100.00 |
| 6   | Jan 6  | By Cash     | 50.00  |
| 7   | Jan 7  | To Cash     | 75.00  |
| 8   | Jan 8  | By Cash     | 25.00  |
| 9   | Jan 9  | To Cash     | 100.00 |
| 10  | Jan 10 | By Cash     | 50.00  |
| 11  | Jan 11 | To Cash     | 75.00  |
| 12  | Jan 12 | By Cash     | 25.00  |
| 13  | Jan 13 | To Cash     | 100.00 |
| 14  | Jan 14 | By Cash     | 50.00  |
| 15  | Jan 15 | To Cash     | 75.00  |
| 16  | Jan 16 | By Cash     | 25.00  |
| 17  | Jan 17 | To Cash     | 100.00 |
| 18  | Jan 18 | By Cash     | 50.00  |
| 19  | Jan 19 | To Cash     | 75.00  |
| 20  | Jan 20 | By Cash     | 25.00  |
| 21  | Jan 21 | To Cash     | 100.00 |
| 22  | Jan 22 | By Cash     | 50.00  |
| 23  | Jan 23 | To Cash     | 75.00  |
| 24  | Jan 24 | By Cash     | 25.00  |
| 25  | Jan 25 | To Cash     | 100.00 |
| 26  | Jan 26 | By Cash     | 50.00  |
| 27  | Jan 27 | To Cash     | 75.00  |
| 28  | Jan 28 | By Cash     | 25.00  |
| 29  | Jan 29 | To Cash     | 100.00 |
| 30  | Jan 30 | By Cash     | 50.00  |
| 31  | Jan 31 | To Cash     | 75.00  |
| 32  | Feb 1  | By Cash     | 25.00  |
| 33  | Feb 2  | To Cash     | 100.00 |
| 34  | Feb 3  | By Cash     | 50.00  |
| 35  | Feb 4  | To Cash     | 75.00  |
| 36  | Feb 5  | By Cash     | 25.00  |
| 37  | Feb 6  | To Cash     | 100.00 |
| 38  | Feb 7  | By Cash     | 50.00  |
| 39  | Feb 8  | To Cash     | 75.00  |
| 40  | Feb 9  | By Cash     | 25.00  |
| 41  | Feb 10 | To Cash     | 100.00 |
| 42  | Feb 11 | By Cash     | 50.00  |
| 43  | Feb 12 | To Cash     | 75.00  |
| 44  | Feb 13 | By Cash     | 25.00  |
| 45  | Feb 14 | To Cash     | 100.00 |
| 46  | Feb 15 | By Cash     | 50.00  |
| 47  | Feb 16 | To Cash     | 75.00  |
| 48  | Feb 17 | By Cash     | 25.00  |
| 49  | Feb 18 | To Cash     | 100.00 |
| 50  | Feb 19 | By Cash     | 50.00  |
| 51  | Feb 20 | To Cash     | 75.00  |
| 52  | Feb 21 | By Cash     | 25.00  |
| 53  | Feb 22 | To Cash     | 100.00 |
| 54  | Feb 23 | By Cash     | 50.00  |
| 55  | Feb 24 | To Cash     | 75.00  |
| 56  | Feb 25 | By Cash     | 25.00  |
| 57  | Feb 26 | To Cash     | 100.00 |
| 58  | Feb 27 | By Cash     | 50.00  |
| 59  | Feb 28 | To Cash     | 75.00  |
| 60  | Feb 29 | By Cash     | 25.00  |
| 61  | Mar 1  | To Cash     | 100.00 |
| 62  | Mar 2  | By Cash     | 50.00  |
| 63  | Mar 3  | To Cash     | 75.00  |
| 64  | Mar 4  | By Cash     | 25.00  |
| 65  | Mar 5  | To Cash     | 100.00 |
| 66  | Mar 6  | By Cash     | 50.00  |
| 67  | Mar 7  | To Cash     | 75.00  |
| 68  | Mar 8  | By Cash     | 25.00  |
| 69  | Mar 9  | To Cash     | 100.00 |
| 70  | Mar 10 | By Cash     | 50.00  |
| 71  | Mar 11 | To Cash     | 75.00  |
| 72  | Mar 12 | By Cash     | 25.00  |
| 73  | Mar 13 | To Cash     | 100.00 |
| 74  | Mar 14 | By Cash     | 50.00  |
| 75  | Mar 15 | To Cash     | 75.00  |
| 76  | Mar 16 | By Cash     | 25.00  |
| 77  | Mar 17 | To Cash     | 100.00 |
| 78  | Mar 18 | By Cash     | 50.00  |
| 79  | Mar 19 | To Cash     | 75.00  |
| 80  | Mar 20 | By Cash     | 25.00  |
| 81  | Mar 21 | To Cash     | 100.00 |
| 82  | Mar 22 | By Cash     | 50.00  |
| 83  | Mar 23 | To Cash     | 75.00  |
| 84  | Mar 24 | By Cash     | 25.00  |
| 85  | Mar 25 | To Cash     | 100.00 |
| 86  | Mar 26 | By Cash     | 50.00  |
| 87  | Mar 27 | To Cash     | 75.00  |
| 88  | Mar 28 | By Cash     | 25.00  |
| 89  | Mar 29 | To Cash     | 100.00 |
| 90  | Mar 30 | By Cash     | 50.00  |
| 91  | Mar 31 | To Cash     | 75.00  |
| 92  | Apr 1  | By Cash     | 25.00  |
| 93  | Apr 2  | To Cash     | 100.00 |
| 94  | Apr 3  | By Cash     | 50.00  |
| 95  | Apr 4  | To Cash     | 75.00  |
| 96  | Apr 5  | By Cash     | 25.00  |
| 97  | Apr 6  | To Cash     | 100.00 |
| 98  | Apr 7  | By Cash     | 50.00  |
| 99  | Apr 8  | To Cash     | 75.00  |
| 100 | Apr 9  | By Cash     | 25.00  |

|      | H.O. C.O.            |     |         |   |
|------|----------------------|-----|---------|---|
| 5245 | 2                    | 1   | Headel  |   |
| 5246 | 3 (5)                | 1   | Intygon | ✓ |
| 5247 | 1 R                  |     |         | ✓ |
| 5248 | 1 R                  |     |         | ✓ |
| 5249 | 1                    |     |         | ✓ |
| 5250 | 1 R                  |     |         | ✓ |
| 5251 | 2 (5)                |     | 300 +   | ✓ |
| 5252 | 1 S<br>(9.20) 1-2 MR | 1 R | WT      | ✓ |
| 5253 | 1                    |     |         | ✓ |
| 5254 | 1 R                  |     |         | ✓ |
| 5255 | 1                    | 1   |         | ✓ |
| 5256 | 1                    |     | WT      | ✓ |



| Year | Month | Day | Time  | Location | Remarks  |
|------|-------|-----|-------|----------|----------|
| 1900 | Jan   | 1   | 10:00 | St. Paul | Arrived  |
| 1900 | Jan   | 2   | 10:00 | St. Paul | Departed |
| 1900 | Jan   | 3   | 10:00 | St. Paul | Arrived  |
| 1900 | Jan   | 4   | 10:00 | St. Paul | Departed |
| 1900 | Jan   | 5   | 10:00 | St. Paul | Arrived  |
| 1900 | Jan   | 6   | 10:00 | St. Paul | Departed |
| 1900 | Jan   | 7   | 10:00 | St. Paul | Arrived  |
| 1900 | Jan   | 8   | 10:00 | St. Paul | Departed |
| 1900 | Jan   | 9   | 10:00 | St. Paul | Arrived  |
| 1900 | Jan   | 10  | 10:00 | St. Paul | Departed |
| 1900 | Jan   | 11  | 10:00 | St. Paul | Arrived  |
| 1900 | Jan   | 12  | 10:00 | St. Paul | Departed |
| 1900 | Jan   | 13  | 10:00 | St. Paul | Arrived  |
| 1900 | Jan   | 14  | 10:00 | St. Paul | Departed |
| 1900 | Jan   | 15  | 10:00 | St. Paul | Arrived  |
| 1900 | Jan   | 16  | 10:00 | St. Paul | Departed |
| 1900 | Jan   | 17  | 10:00 | St. Paul | Arrived  |
| 1900 | Jan   | 18  | 10:00 | St. Paul | Departed |
| 1900 | Jan   | 19  | 10:00 | St. Paul | Arrived  |
| 1900 | Jan   | 20  | 10:00 | St. Paul | Departed |
| 1900 | Jan   | 21  | 10:00 | St. Paul | Arrived  |
| 1900 | Jan   | 22  | 10:00 | St. Paul | Departed |
| 1900 | Jan   | 23  | 10:00 | St. Paul | Arrived  |
| 1900 | Jan   | 24  | 10:00 | St. Paul | Departed |
| 1900 | Jan   | 25  | 10:00 | St. Paul | Arrived  |
| 1900 | Jan   | 26  | 10:00 | St. Paul | Departed |
| 1900 | Jan   | 27  | 10:00 | St. Paul | Arrived  |
| 1900 | Jan   | 28  | 10:00 | St. Paul | Departed |
| 1900 | Jan   | 29  | 10:00 | St. Paul | Arrived  |
| 1900 | Jan   | 30  | 10:00 | St. Paul | Departed |
| 1900 | Jan   | 31  | 10:00 | St. Paul | Arrived  |

110

|      |       |        |   |
|------|-------|--------|---|
| 5257 | 1     | Headed |   |
| 5258 | 1     | LT     | ✓ |
| 5259 | 1 (R) | LT     | ✓ |
| 5260 | 1     |        | ✓ |
| 5261 | 1 R   |        | ✓ |
| 5262 | 1 R   |        | ✓ |
| 5263 | 1 R   |        | ✓ |
| 5264 | 1 R   |        | ✓ |
| 5265 | 1 R   |        | ✓ |
| 5266 | 1 R   |        | ✓ |
| 5267 | 1 R   |        | ✓ |
| 5268 | 1 R   |        | ✓ |



|    |    |    |    |    |    |    |    |    |     |
|----|----|----|----|----|----|----|----|----|-----|
| 1  | 2  | 3  | 4  | 5  | 6  | 7  | 8  | 9  | 10  |
| 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20  |
| 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30  |
| 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40  |
| 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 | 49 | 50  |
| 51 | 52 | 53 | 54 | 55 | 56 | 57 | 58 | 59 | 60  |
| 61 | 62 | 63 | 64 | 65 | 66 | 67 | 68 | 69 | 70  |
| 71 | 72 | 73 | 74 | 75 | 76 | 77 | 78 | 79 | 80  |
| 81 | 82 | 83 | 84 | 85 | 86 | 87 | 88 | 89 | 90  |
| 91 | 92 | 93 | 94 | 95 | 96 | 97 | 98 | 99 | 100 |

|      | No  | CO. |        |
|------|-----|-----|--------|
| 5269 | 1 R |     | Keoded |
| 5270 | 1 R |     | ✓      |
| 5271 | 1 R | wt. | ✓      |
| 5272 | 1   | wt. | ✓      |
| 5273 | 2 S | 3ms | ✓      |
| 5274 | 1 R |     | ✓      |
| 5275 | 1 R |     | ✓      |
| 5276 | 1 R |     | ✓      |
| 5277 | 1 R |     | ✓      |
| 5278 | 1 R |     | ✓      |
| 5279 | 1 R |     | ✓      |
| 5280 | 1 R |     | ✓      |





H. O. CO.

5281

1

Heeded

5282

1

✓

5283

2

Heeded

5284

2(s)

Heeded

5285

5286

5287

5288

5289

5290

5291

5292





H.O C.O

5293

5294

5295

5296

5297

5298

5299

5300

10 Tay

3301

1(R)

Needed

5302

3(S) 1

✓

5303

2(S) 2

✓

5304

3(S) 1

✓

Resident  
in later examination





|                    |           |                   |     |             |
|--------------------|-----------|-------------------|-----|-------------|
|                    |           | NO P.O.           |     |             |
| 5305               |           | 2 (S)             |     | Mature      |
| 5306               |           | 3 (S)             | 1   | Headed      |
| Purple Knull       |           |                   |     |             |
| 5307               | NO plants |                   |     |             |
| 5308               |           | 2 (P)             | 1   | mature      |
| 5309               |           | 4 S               | 1   | 3 pr ✓      |
| 5310               | (7-20)    | 2 $\frac{2}{m}$ S | 3 S | Root        |
| 5311               |           | 2 (S)             |     | Headed      |
| 5312               |           | 1                 | 1   | ✓           |
| 5313               |           | 1                 | 1   | ✓           |
| 5314               |           | 2 (S)             |     | Headed      |
| 5315               |           | 2 (S)             |     | 3 pr Headed |
| 5316               |           | 2                 | 1   | ✓           |
| 2 plants<br>in row |           |                   |     |             |



NO regrowth<sup>(17)</sup> 10-20-54

✓  
Stubble dead.

NO H.O. on regrowth 10-20-54

|                  |      |                    |                |
|------------------|------|--------------------|----------------|
|                  |      | H.O. PO            |                |
| 5317             |      | 1(R) 1(R)          | Mature         |
| 5318             |      | 1(R) 1(R)          | ✓              |
| 5319             |      | 2(S) 1             | Harvested      |
| 5320             |      | 2(MR) 1            | Mature         |
| 5321             |      | 5(S) 1             | Killed locust. |
| 5322             | 9-10 | 1<br>2MS 1R        | Headed         |
| 5323             | 9-10 | 2(R)<br>2MR 1R     | Boat           |
| 5324             |      | 1 R                | Headed         |
| 5325             |      | 1 R                | ✓              |
| 5326             | 9-10 | 1 R<br>1-2MR 1-2MR | ✓              |
| 5327             |      | 2(S)               | ✓              |
| 2 plants<br>5328 |      | 2                  |                |





|      |             |                  |     |        |
|------|-------------|------------------|-----|--------|
|      |             | H.O. PO          |     |        |
| 5329 | 2           |                  |     | Headed |
| 5330 | 1 (S)       |                  | ht. | Box    |
| 5321 | 1 (S)       | <del>1 (S)</del> | ht. | ✓      |
|      | p-20 1-2 MR | 1R               |     |        |
| 5332 | 2 MR        |                  |     | ✓      |
|      | p-20 2 MR   | 1-2 MR           |     |        |
| 5333 | Blond       |                  |     |        |
| 5334 | ✓           |                  |     |        |
| 5335 | 2           | 1                |     | Headed |
| 5336 | 2 (S)       |                  |     | Box    |
|      | 1-2 MR      | 2 MS             |     |        |
| 5337 | 5 (S)       |                  |     | Headed |
| 5338 | 2           |                  |     | ✓      |
| 5339 | 1 (R)       |                  |     | ✓      |
| 5340 | 1           |                  |     | ✓      |





|        |       | N.O   | P.O   |        |
|--------|-------|-------|-------|--------|
| 5341   | Blank |       |       |        |
| 5342   |       | 1 R   |       | Mature |
| 5343   |       | 2     | 1     | ✓      |
| 5344   |       | 2 (S) |       | ✓      |
| 5345   |       | 2     | 1     | ✓      |
| X 5346 |       | 1 (R) | 1 (R) | Hooded |
| 5347   |       | 2     |       | Hooded |
| 5348   |       | 1     |       | ✓      |
| 5349   |       | 1 (R) |       | ✓      |
| 5350   |       | 1 R   | 1     | ✓      |
| 5351   |       | 2 (S) | 1     | ✓      |
| 5352   |       | 2 (S) |       |        |





HO C.O.

5353

1(R)

Headed

5354

1(R)

Mature

5355

2 S

✓

5356

2 S

✓

5357

3 MR 2

✓

5358

2 S

Harvested

5359

1 MR

Mature

5360

Blank

5361

2

1

Headed

5362

2

✓

5363

1R

✓

1 Plant

5364

3 S

Entylosa - Mature



No regrowth

NO CO.

5365

2

1

Headed

5366

1(e)

2(s)

Headed

5367

Blond

5368

1(R)

1

Headed

5369

Blond

5370

2(R)

1

Headed

5371

2

✓

5372

2(R)

✓

Tall - Blond

5373

1 R

1

Tall - Blond

5374

3 S

Ectyform

Haver 1st

5375

2 R

Ectyform

m blue

5376

2 S

Headed

5377

2

✓





|      |         |                   |        |
|------|---------|-------------------|--------|
| 5378 | 3 (S) 2 |                   | Hooded |
| 5379 | 3 1     |                   | ✓      |
| 5380 | 2 S     |                   | Hooded |
| 5381 | 1 R 1   |                   | Hooded |
| 5382 | 1 R 1   | Physic.<br>Blotch | ✓      |
| 5383 | 3 S     | ✓                 | ✓      |
| 5384 | 1 R     |                   | ✓      |





|      |         |        |            |                    |
|------|---------|--------|------------|--------------------|
| 5401 |         | 3(S)   |            | Head               |
|      | 1 plant |        |            |                    |
| 5402 |         | 3(S)   |            | ✓                  |
| 5403 |         | 2 S    |            | Bout               |
|      | 1 plant |        |            |                    |
| 5404 |         | 2 MR   |            | ✓                  |
|      | 9-20    | 1-2 MR | 1R         |                    |
| 5405 |         | 2 MR   | 1R         | ✓                  |
|      |         | 2 MR   |            |                    |
| 5406 |         | 2 MR   |            | ✓                  |
|      |         | 2 MR   | 1R         |                    |
| 5407 |         | 2 MR   |            | LT. ✓              |
| 5408 |         | 2 MR   | 3          | ✓                  |
|      | 9-20    | 2 MR   | 3S         |                    |
| 5409 |         | 2      |            | Headlet            |
|      | 9-20    | 2 MS   | 2 MS       |                    |
| 5410 |         | 4 S    |            | Mature             |
| 5411 |         | 4 S    | Tip Blight | Killed back mature |
| 5412 |         | 3 S    | Tip Blight | mature             |



10-2254. *P* in mature plant

✓

✓

✓

✓

✓

|      |                          |            |     |        |
|------|--------------------------|------------|-----|--------|
|      |                          | N.O. C.O   |     |        |
| 5413 |                          | 2R/1(S) 1  |     | Headed |
|      | 2 root cone on 2 disease |            |     | (Jrs)  |
| 5414 |                          | 4S 1       |     | Headed |
| 5415 | plow                     |            |     |        |
| 5416 |                          | 1(R)       |     | Boor   |
|      | 9-20                     | 1-2MR 1R   |     |        |
| 5417 |                          | 1(R/S) wt. |     | ✓      |
|      |                          | 1-2MR 1R   |     |        |
| 5418 |                          | 2S         |     | Headed |
| 5419 |                          | 2S         | wt. | ✓      |
| 5420 |                          | 2R         |     | ✓      |
|      | 3 plants                 |            |     |        |
| 5421 |                          | 1          |     | ✓      |
| 5422 |                          | 2S         |     | ✓      |
| 5423 |                          | 3S         |     | ✓      |
| 5424 |                          | 2S         |     | ✓      |
| 5425 |                          | 3S         |     | ✓      |





HOCO

5424

4(S)

Mature

5427

4(S)

✓

short

5428

3(S) 1

Heard

5429

1 R

ht

Bust

1-2 MR 1 R

5430

1 R

1-2 ht

✓

1-2 MR MR

5431

1 R

ht

✓

1-2 MR 1 R

5432

1 R

1-2 ht

✓

1-2 MR MR

5433

3 S

Heard

5434

1 R

✓

5435

1 R

✓

5436

2 R

1

✓

5437

2 R

✓

5438

3 R

✓



PP - Regrowth 10-20

✓

✓

|      |                            |           |
|------|----------------------------|-----------|
|      | NO                         |           |
| 5439 | 1 S<br>Lower lower 2MS 1R  | Boat      |
| 5440 | 1 S<br>2MS 1R              | ✓         |
| 5441 | 2 S                        | Headed    |
| 5442 | 2 S                        | ✓         |
| 5443 | Missing                    |           |
| 5444 | 2                          | ✓         |
| 5445 | 2 S                        | ✓         |
| 5446 | 2 R                        | ✓         |
| 5447 | 2 Plants<br>2 S            | Harvested |
| 5448 | 3 S                        | Mature    |
| 5449 | 3 S                        | Harvested |
| 5450 | 3 S                        | Headed    |
| 5451 | 2 S<br>1 <sup>2</sup> R 1R | ✓         |
|      | 9-20                       |           |





|      | NO  | CO |           |
|------|-----|----|-----------|
| 5452 | 3 S |    | Mature    |
| 5453 | 3 S |    | ✓         |
| 5454 | 3 S |    | ✓         |
| 5455 | 3 S |    | Harvested |
| 5456 | 3 S |    | ✓         |
| 5457 | 1 R |    | Healed    |
| 5458 | 1 R |    | ✓         |
| 5459 | 1 R | 27 | ✓         |
| 5460 | 1 R |    | ✓         |
| 5461 | 2 S |    | ✓         |
| 5462 | 2 S |    | ✓         |
| 5463 | 2 S |    | ✓         |
| 5464 | 2   |    | ✓         |





|      |       |    |           |        |
|------|-------|----|-----------|--------|
|      |       | HO |           |        |
| 5465 |       | 35 | En tylosa | Hunted |
| 5466 |       | 35 | 7         | mature |
| 5467 |       | 35 |           | Hunted |
| 5468 |       | 3  |           | mature |
| 5469 |       | 25 |           | ✓      |
| 5470 |       | 2R |           | ✓      |
| 5471 |       | 3  |           | mature |
|      | Dwarf |    |           |        |
| 5472 |       | 2  |           | ✓      |
| 5473 |       | 1R |           | ✓      |
| 5474 |       | 2  |           | Hunted |
| 5475 | Blond |    |           |        |
| 5476 |       | 2R |           | ✓      |
| 54   |       |    |           |        |





|      |      |                      |                    |          |
|------|------|----------------------|--------------------|----------|
|      |      | NO                   | CO                 |          |
| 5477 |      | 3 S                  |                    | Headed   |
| 5478 | 9.20 | <sup>2</sup><br>2 MS | 2 MS               | Boat     |
| 5479 |      | 1 R                  |                    | Headed   |
| 5480 |      | <sup>2</sup><br>1 MS | <sup>2</sup><br>MS | ht. Boat |
| 5481 |      | 1<br>2 MS            | 2 MP               | ✓        |
| 5482 |      | 1                    |                    | ✓        |
| 5483 | 9.20 | 1 HR                 | 1 HR               |          |
|      |      | 3 S                  |                    | Headed   |
| 5484 |      | 1 R                  |                    | ✓        |





8-11-54

|      | N.O. P.O |        |
|------|----------|--------|
| 5501 | 4(S) 2   | Boat   |
| 5502 | 2 MR     | ✓      |
| 5503 | 2 MR     | ✓      |
| 5504 | 2 S      | ✓      |
| 5505 | 3 S      | ✓      |
| 5506 | 2 S      | ✓      |
| 5507 | 2 S      | Headed |
| 5508 | 3 S 2    | ✓      |
| 5509 | 3 S      | Mature |
| 5510 | 1 R      | Headed |
| 5511 | 2 S 2    | Mature |
| 5512 | 2 MB     | Boat   |
| 5513 | 2 MS     | ✓      |



9-20

H.O.C.O

3 S 1-2  
MS

Spots small. Same gen

1-2  
MR 1MR

10-20-5-4

550 1-2

show white

1-2  
MR 1R

7 all

2 MR 1-2  
MR3 S 1-2  
MR

Same gen.

2 MS 1-2  
MR4 S 1-2  
MR

Hornet.

Hornet

2 MR 1R

Hornet,

2 MS 1R

2 MS 1R

|      | N/C. |     |        |
|------|------|-----|--------|
| 5514 | 3 MS |     | Boat   |
| 5515 | 2    | 2 S | ✓      |
| 5516 | 2 P  | 1   | Heeded |
| 5517 | 2 MR |     | Boat   |
| 5518 | 2    |     | Heeded |
| 5519 | 2 MR |     | ✓      |
| 5520 | 2 MR |     | ✓      |
| 5521 | 2 MR |     | ✓      |
| 5522 | 2 P  |     | ✓      |
| 5523 | 2 MS |     | Boat   |
| 5524 | 3    | WT  | ✓      |
| 5525 | 3    | 1 S | ✓      |



9-20

No. P.O.

2MS 1P

2-3 2MP  
MS

Hewitt.

2MP 1P

2S 2MS

2MS 1P

2-3 1P  
MS2-3 3-4  
S S

|      |       |          |        |
|------|-------|----------|--------|
|      |       | 110 C.O. |        |
| 5526 |       | 2 R      | Headed |
| 5527 |       | 3 S      | ✓      |
| 5528 |       | 3 S      | Boat   |
| 5529 |       | 3 S      | ✓      |
| 5530 | Blond |          |        |
| 5531 |       | 2 R      | Boat   |
| 5532 |       | 2 MR     | ✓      |
| 5533 |       | 4 S      | ✓      |
| 5534 |       | 2 MR     | ✓      |
| 5535 |       | 3 S      | ✓      |
| 5536 |       | 3 MS     | ✓      |
| 5537 |       | 2 MS     | ✓      |
| 5538 |       | 3 S      | Headed |



9-20

116 CO

Hant

2MS 2MP

4S 1-2 MP

Sde

2-3 MS 1P

Hant

2MP 0

2-3 MS 0

2MP 0

2MP 0

2MP 0

2MP 0

Hant

Toby, 17 Dec 10. 20-5-7

10-20-5-7 - R-10.  
Very late

|             |     |     |
|-------------|-----|-----|
|             | 110 |     |
| 5539        | 25  | Boo |
| 5540        | 3ms | ✓   |
| 5541        | 3ms | ✓   |
| <u>5542</u> | 3ms | ✓   |
| 5543        | 19  | ✓   |
| 5544        | 35  | ✓   |
| 5545        | 25  | ✓   |
| 5546        | 35  | ✓   |
| 5547        | 35  | ✓   |
| 5548        | 35  | ✓   |
| 5549        | 35  | ✓   |
| 5550        | 35  | ✓   |



NO CO.

2MS 0

3MS

2MS

3-4  
MS

9-23-54

1R 0 Late, tall

2MS 0 Late, ✓

2<sup>3</sup>MS 0 ✓ ✓

3S 0 ✓

2-3  
MS 0 ✓ ✓2-3  
MS 0 ✓ ✓

3S 0 ✓

2-3  
MS 0 ✓

7 files  
to hand  
10-20-54

|      |                 |        |
|------|-----------------|--------|
|      | 110 C.O.        |        |
| 5551 | 3 <sup>40</sup> | Headed |
| 5552 | 2 MR            | ✓      |
| 5553 | 2 MR            | ✓      |
| 5554 | 2 MR            | ✓      |
| 5555 | 3 S             | ✓      |
| 5556 | 2 MR Syllonia?  | Root   |
| 5557 | 2 R             | Headed |
| 5558 | 2 MR            | Root   |
| 5559 | 2 MR            | ✓      |
| 5560 | 2 MR            | ✓      |
| 5561 | 1 R             | Headed |
| 5562 | 2 MR            | Root   |



9-23-84  
126 CD

Howt

✓

✓

✓

✓

2MS 2S

Howt

10.20. Regent 11 MS

2MR 2MR 3ms. 5yr.

2MR 2MR

✓ ✓

2MR 2MR

✓ ✓

Howt

2MS 3-4  
S

|      |        |         |
|------|--------|---------|
|      | 110 CO |         |
| 5563 | 2 R    | Heeded  |
| 5564 | 2 R    | ✓       |
| 5565 | 3 S    | ✓       |
| 5566 | 3 MS   | ✓       |
| 5567 | 4 S    | Boat    |
| 5568 | 2      | Handled |
| 5569 | 3 S    | Heeded  |
| 5570 | 4 MS   | ✓       |
| 5571 | 2 MR   | Boat    |
| 5572 | 1 R    | ✓       |
| 5573 | 2 MS   | ✓       |
| 5574 | 2 MR   | Heeded  |
| 5575 | 2 MS   | Boat    |



9-23-54

110 CO

Harvest.

✓

✓

✓

3-4 S 2 MR

Harvest

✓

Report S

✓

✓

✓

(Sample)

2MS 2S

Elongate spils.

2-3

MS

2-3 MS

Harvest

10-20 failed to harvest.

7 all, late

Elongate spils. ✓

✓

✓

✓

✓

3S 2MR

late

|      |      |        |
|------|------|--------|
|      | NO   |        |
| 5576 | 2 MR | Root   |
| 5577 | 2 MR | ✓      |
| 5578 | 2 MR | ✓      |
| 5579 | 4 S  | Headed |
| 5580 | 4 S  | ✓      |
| 5581 | 2 MS | Root   |
| 5582 | 2 R  | ✓      |
| 5583 | 2 S  | in the |
| 5584 | 2 R  | Root   |



9-23

116 CB.

2MS 2MS

7 all, lodge.

2MS 2MS

2MS 2MS

Honest

✓

1-2  
R O

7 all, late

1-2  
R O

✓ ✓

Honest (S request)

2MS 2MS

7 all, rather late, lodge

N.O. 10

5601

2R

Hooded

5602

2R

Boat

5603

1R

✓

\* 5604

1R

✓

5605

2R

✓

5606

2R

✓

5607

2R

Hooded

5608

3S

Entyloma

✓

5609

1R

Boat

5610

3S

✓

5611

2S

✓

5612

2S

Heading

5613

2S

Heading



9-23-54

116.00

Hornet

2MS 2MS

10-20-5  
fall, late June to  
hard

2MS 0

✓

✓

✓

1-2  
R 0

✓

✓

✓

2MS 2MP

✓

✓

✓

1-2  
R 0

✓

Hornet

✓

2MS 102  
S R

JMP

2-3 1-2  
S R

Halo,

Jm ✓

2-3 1-2  
S R

✓

✓

✓

2-3 1-2  
S R

✓

✓

2-3 1-2  
S R

✓

✓

|      | No | CU |         |
|------|----|----|---------|
| 5614 | 1  | Q  | Heading |
| 5615 | 2  | S  | ✓       |
| 5616 | 2  | S  | Boat    |
| 5617 | 2  | S  | ✓       |
| 5618 | 2  | S  | Heading |
| 5619 | 2  | S  | Boat    |
| 5620 | 3  | S  | ✓       |
| 5621 | 2  | S  | ✓       |
| 5622 | 2  | S  | Heading |
| 5623 | 2  | MA | Boat    |
| 5624 | 2  | MA | ✓       |
| 5625 | 2  | MA | ✓       |



9-23

116 Co

2 AB 1-2 AR

Jan. (Top.)

2 AS 1-2 A

✓ ✓

2 MS 1-2 A

✓ ✓

2-3 1-2 A

✓ ✓

2-3 1-2 A

✓ ✓

2-3 1-2 A

Some do ✓

2-3 1-2 A

✓ ✓ ✓

2-3 1-2 A

Jan ✓

2-3 1-2 A

✓ ✓

1-2 A D

Some free ✓

2 MS 1-2 AR

✓ ✓ ✓

2 MS 1-2 AR

✓ ✓ ✓

|      |      |        |
|------|------|--------|
|      | 110  |        |
| 5626 | 2 S  | Boat   |
| 5627 | 2 S  | ✓      |
| 5628 | 2 S  | ✓      |
| 5629 | 2 S  | ✓      |
| 5630 | 2 S  | Headed |
| 5631 | 2 P  | Boat   |
| 5632 | 2 P  | ✓      |
| 5633 | 2 P  | ✓      |
| 5634 | 2 S  | ✓      |
| 5634 | 2 nP | ✓      |
| 5635 | 2 S  | ✓      |
| 5636 | 2 S  | ✓      |



9-23

116 CB

2MS 1-2 MR

Little Guy Jay.

2MS 1-2 MR

✓ ✓ ✓

2-3 1-2 S MR

Jm

✓

2-3 1-2 S MR

✓

✓

2-3 1-2 MR MR

✓

✓

2-3 1-2 MS MR

✓

✓

2-3 1-2 MR MR

Some Jm

✓

2-3 1-2 MR MR

✓ ✓

✓

2-3 1-2 S MS

✓ ✓

✓

2MS 1-2 MR

Jm

✓

2MS 2MS

Some Jm

✓

2-3 2MS S

✓ ✓

✓

|             |      |           |
|-------------|------|-----------|
| 5637        | 2 S  | Boat      |
| 5638        | 2 S  | Heading   |
| 5639        | 2 S  | Boat      |
| 5640        | 3 S  | Harvested |
| 5641        | 2 S  | Boat      |
| <u>5642</u> | 2 S  | ✓         |
| 5643        | 2 MP | ✓         |
| 5644        | 2 P  | ✓         |
| 5645        | 1 P  | ✓         |
| purple leaf |      |           |
| 5646        | 1 P  | ✓         |
| 5647        | 1 P  | ✓         |
| 5648        | 1 P  | Headed    |
| 5649        | 2 P  | ✓         |



9-23

110 CB.

2-3 MS 1-2 MR

Some for Jap.

30

✓ ✓ ✓

35

✓ ✓ ✓ also

Hunt

I require allent,

2-3 MS 1-2 MR

Some for Jap.

2-3 MS 1-2 MR

✓ ✓ ✓

2 MS 2 MS

✓ ✓ ✓

2 MS 1-2 MR

✓ ✓ ✓

1-2 MR 0?

✓ ✓ ✓ People

MS

✓ ✓ ✓

2 MR

Jap ✓

2 MR

Some for ✓

2-3 MS R

Entirely for Jap. ✓

|      |       |         |
|------|-------|---------|
|      | HO CO |         |
| 5650 | 2MS   | Boat    |
| 5651 | 2S    | Heading |
| 5652 | 2MR   | ✓       |
| 5653 | 2     | Heading |
| 5654 | 2S    | Healed  |
| 5655 | 2S    | Heading |
| 5656 | 2MS   | Healed  |
| 5657 | 2MR   | Boat    |
| 5658 | 3S    | Healed  |
| 5659 | 3S    | ✓       |
| 5660 | 3MS   | ✓       |
| 5661 | 3MS   | ✓       |
| 5662 | Blond |         |



9-27-54

No C.O.

2-3 MS 1-2 A Jcy. Sore Jaws.

2MS ✓ ✓ ✓

2MR 2MS ✓ ✓ ✓

2MR 2MS ✓ ✓ ✓

Heart

2-3 1-2 MS ✓ ✓ ✓

2-3 1-2 MR ✓ ✓ ✓

2-3 1-2 MS MR ✓ ✓ ✓

Heart

✓

✓

✓

✓

|      |       |       |         |
|------|-------|-------|---------|
|      |       | HO    |         |
| 5663 | Blond |       |         |
| 5664 |       | 2 MR  | Root    |
| 5665 |       | 2 S   | Heading |
| 5666 |       | 2 S   | Root    |
| 5667 |       | 2 MS  | ✓       |
| 5668 |       | 3 S   | Headed  |
| 5669 |       | 2 MR  | Root    |
| 5670 |       | 2 MR  | ✓       |
| 5671 |       | 2 MS  | ✓       |
| 5672 |       | 2 MS  | ✓       |
| 5673 |       | 3 S   | Headed  |
| 5674 |       | 2 S S | Mature  |
| 5675 |       | 3 S   | ✓       |



9-23-54  
Ho, Cu.

—

2MR 1-2 R Jcy Little Jm.

2MS 2MS ✓ Jm.

2-3 S 2-3 MS ✓ ✓

2MS 1-2 MR ✓ ✓

2-3 S 2-3 MS ✓ ✓

2MR 1-2 MR ✓ ✓

2MS 2MR ✓ Same Jm.

2MR 2MR ✓ ✓ ✓

2MS 2MS ✓ Jm.

Homer

✓

✓

|      |     |           |
|------|-----|-----------|
|      | 110 |           |
| 5676 | 3S  | Mature    |
| 5677 | 2MS | Headed    |
| 5678 | 3S  | Mature    |
| 5679 | 3S  | ✓         |
| 5680 | 3S  | ✓         |
| 5681 | 2S  | Harvested |
| 5682 | 2S  | ✓         |
| 5683 | 1R  | Root      |
| 5684 | 2MR | Headed    |



9.23

No cb.

Hornet

✓

✓

✓

✓

✓

✓

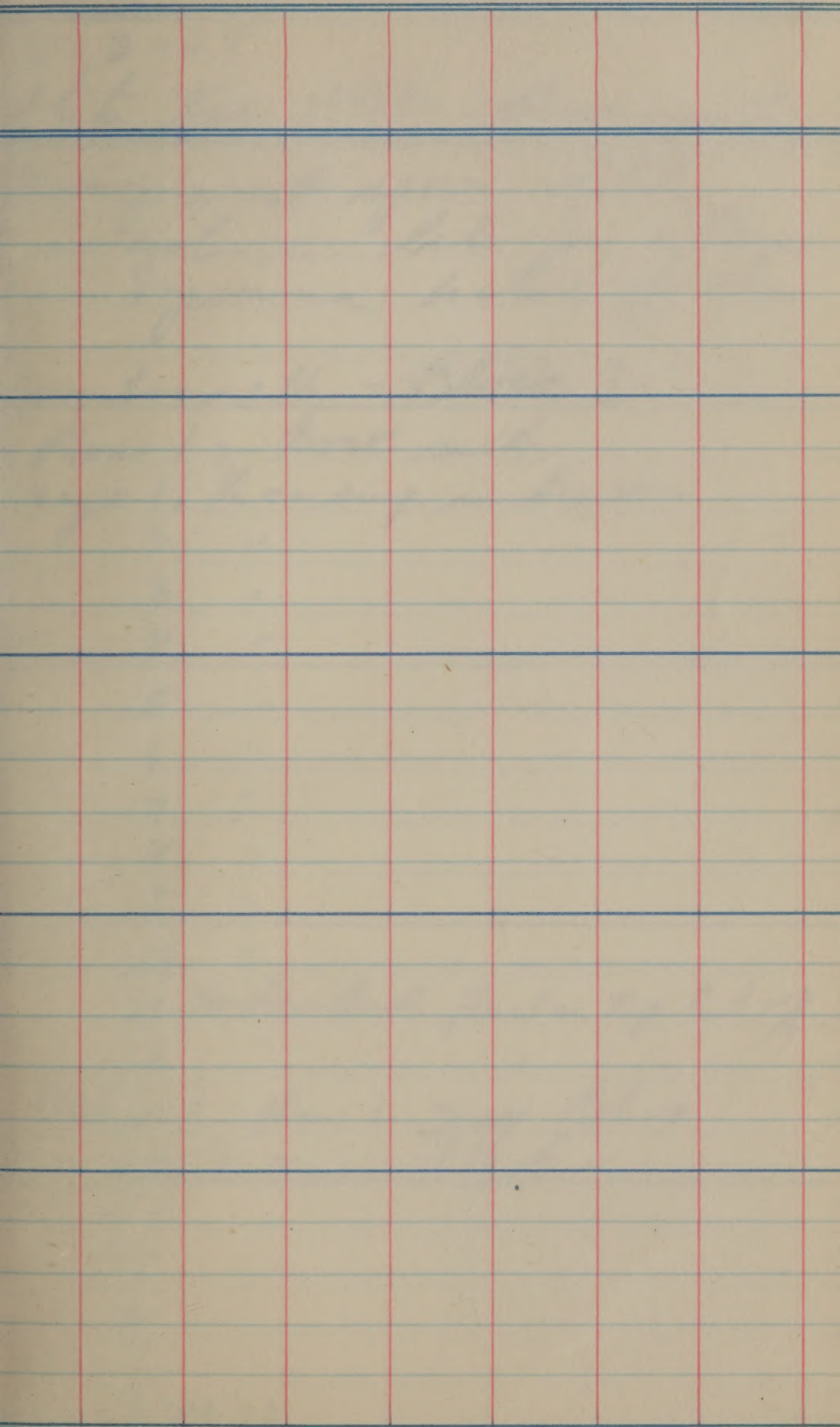
1<sup>2</sup>/<sub>2</sub> 1<sup>2</sup>/<sub>2</sub>

7 all, total (highly)

Hornet.







This image shows a full page of blank ledger paper. It features a grid pattern created by vertical red lines and horizontal blue lines. There are seven vertical red lines spaced evenly across the page, dividing it into eight columns. The horizontal blue lines are closely spaced, creating many rows. The paper has a light cream or off-white color and appears slightly aged or textured.



## Smut inoculations

8-3-54

White Tip plate - Beaumont

Using smut spores held  
in water in lab for 5 days  
in Syracuse water glasses

Sunbonnet - Block 3-

Row 1 - Back side

Tag # 1,  $\frac{1}{2}$  cc susp. in boot

2 "

3 "

4 "

5 "

6 "

7 "

8 "

9 "

10 "

11 Individual florets. Tip cut off.

12 "

Block 3. Row 1. Imp. Bl-7.

13  $\frac{1}{2}$  cc in boot

14

15

16

17

18, 19, 20







143 Var. <sup>3-28</sup>~~506~~-A.



9-16-54

## White Tip Taut - Tanka

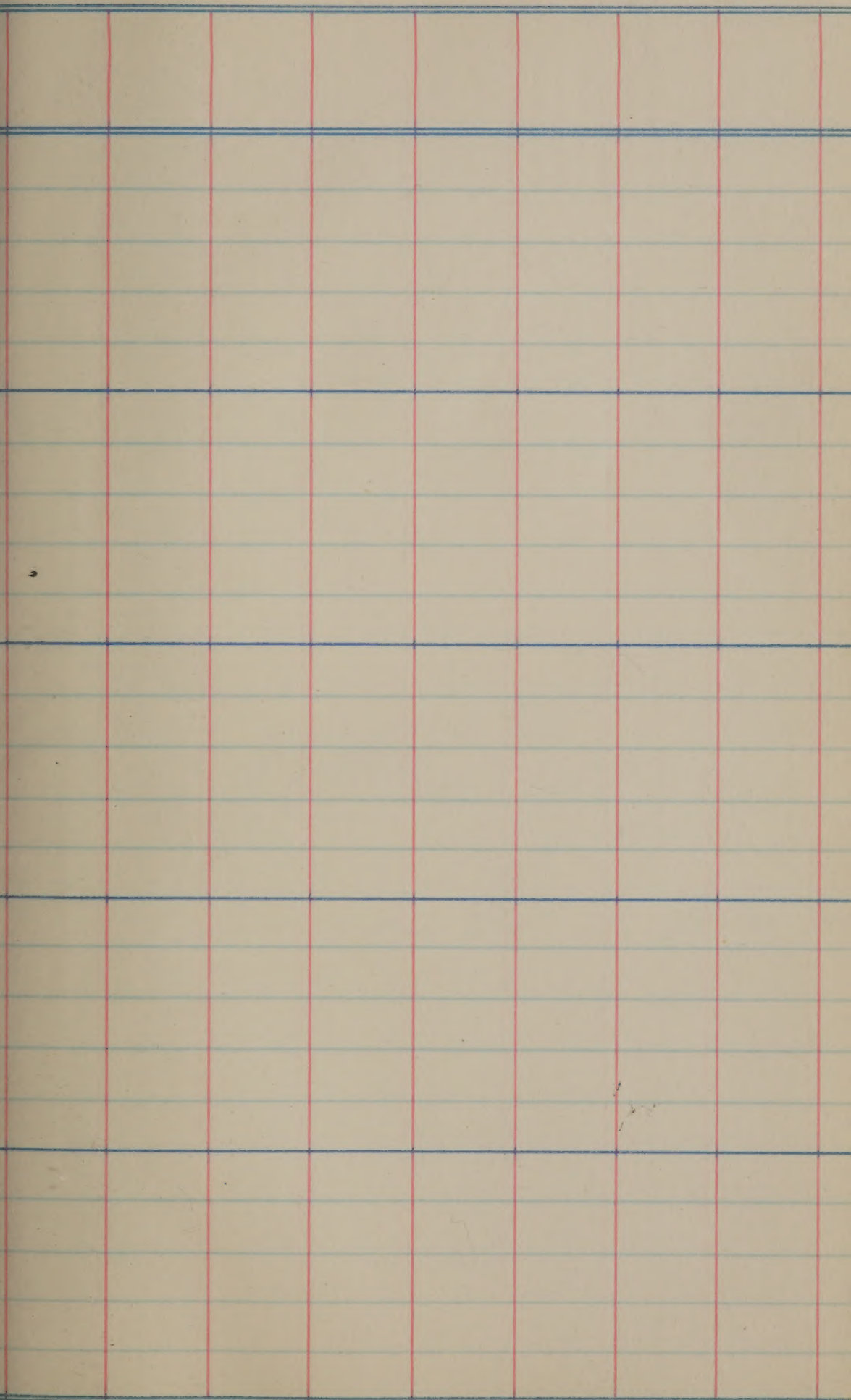
- ✓ H 1. Normal heads. Heads rather short.
- ✓ H 2. Fairly normal. Heads rather short. About 20% of heads poorly filled or very light, or lob.
- ✓ H 3. Normal
- ✓ H 4. Nearly normal. A few lighter heads.
- ✓ H 5. Nearly normal.
- ✓ H 6. Late. Normal
- ✓ H 7. ✓
- ✓ H 8. Red, cut & hauled away
- ✓ H 9. Nearly normal. Irregular in height.
- ✓ H 10. Heads probably normal or nearly - sparse heads.
- ✓ H 11. Heads normal in appearance but light in weight.
- ✓ H 12. Normal.

10-5-54

#6- Heads normal or  
nearly n.

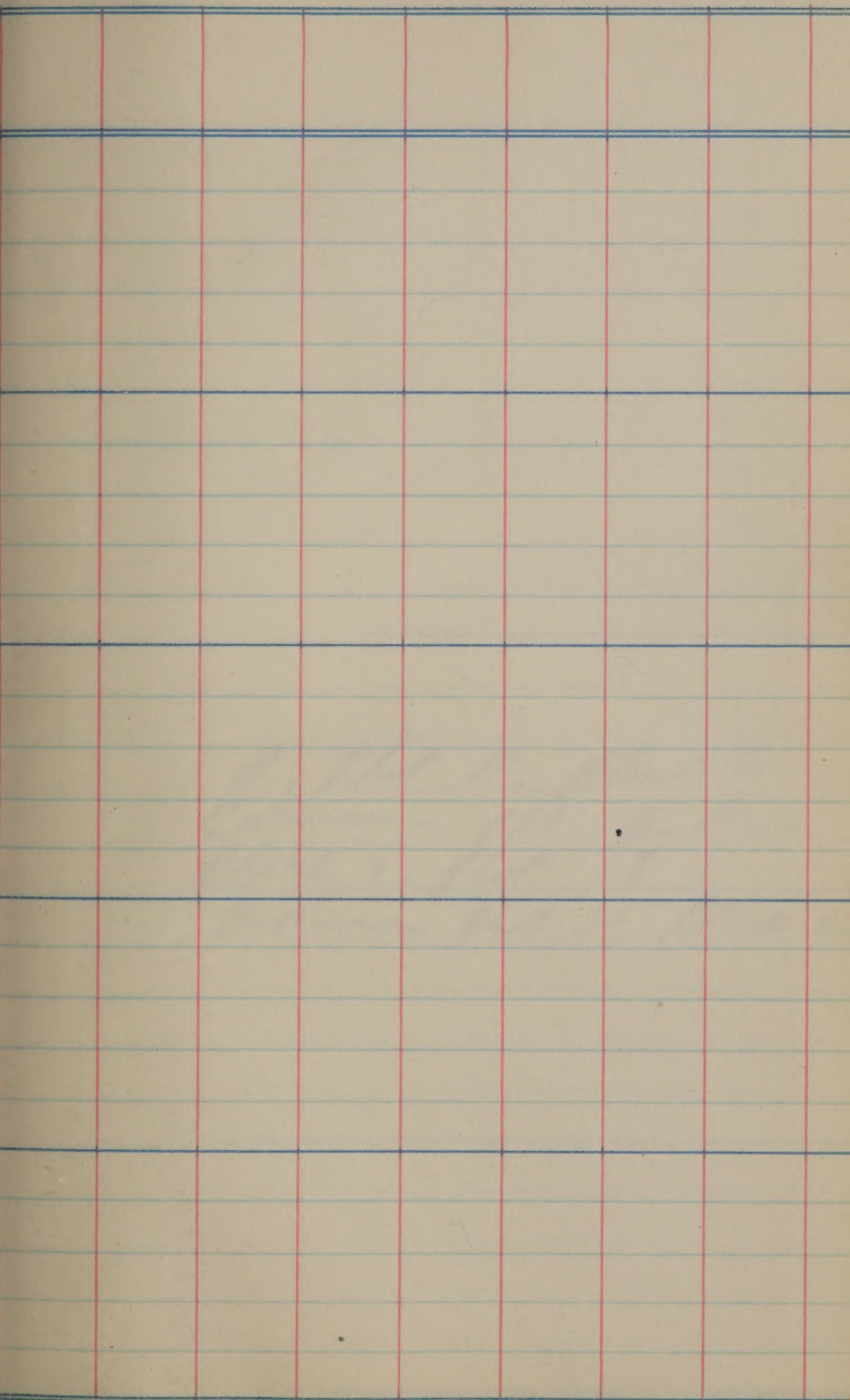
#7. Heads normal or  
nearly n. Plants thick

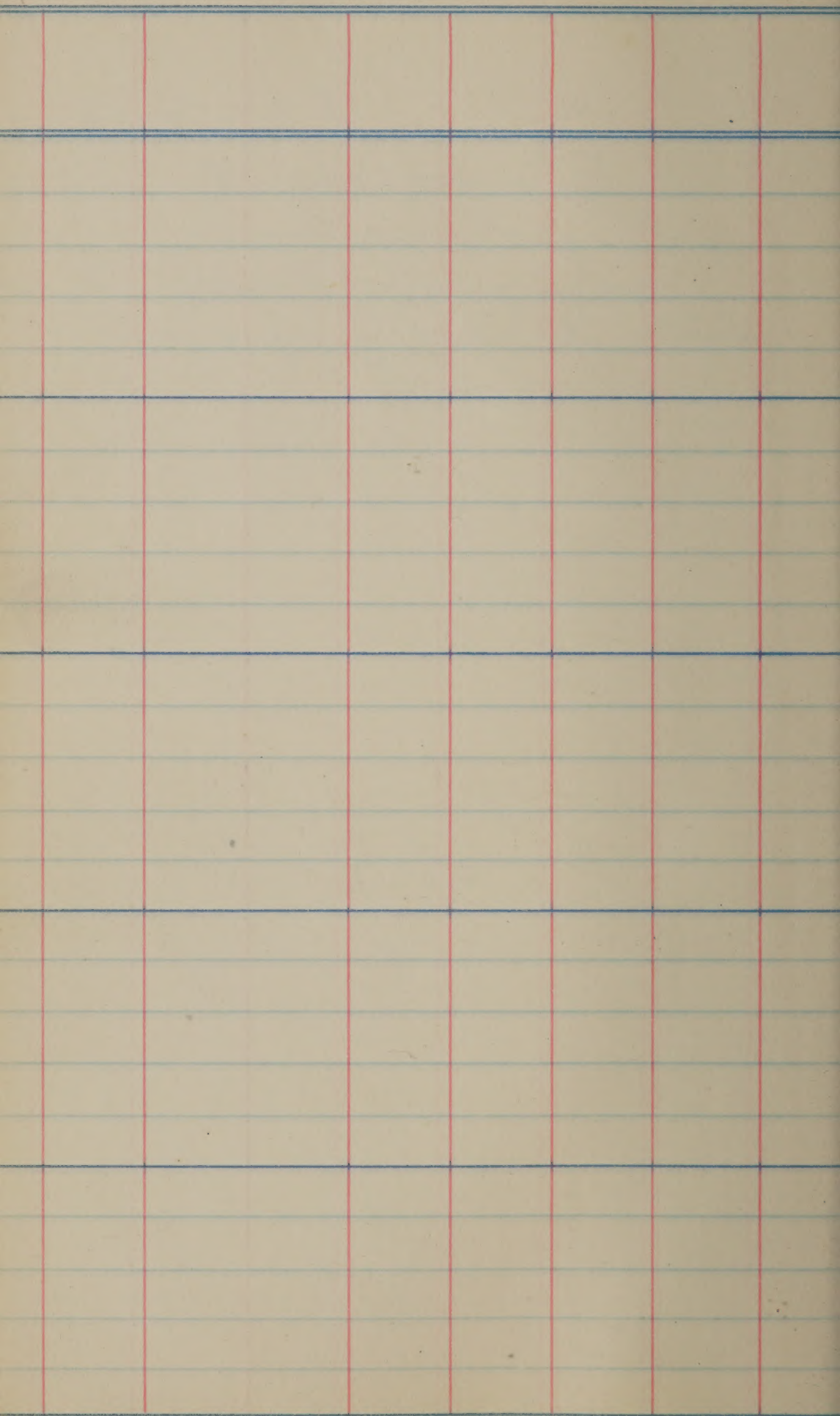




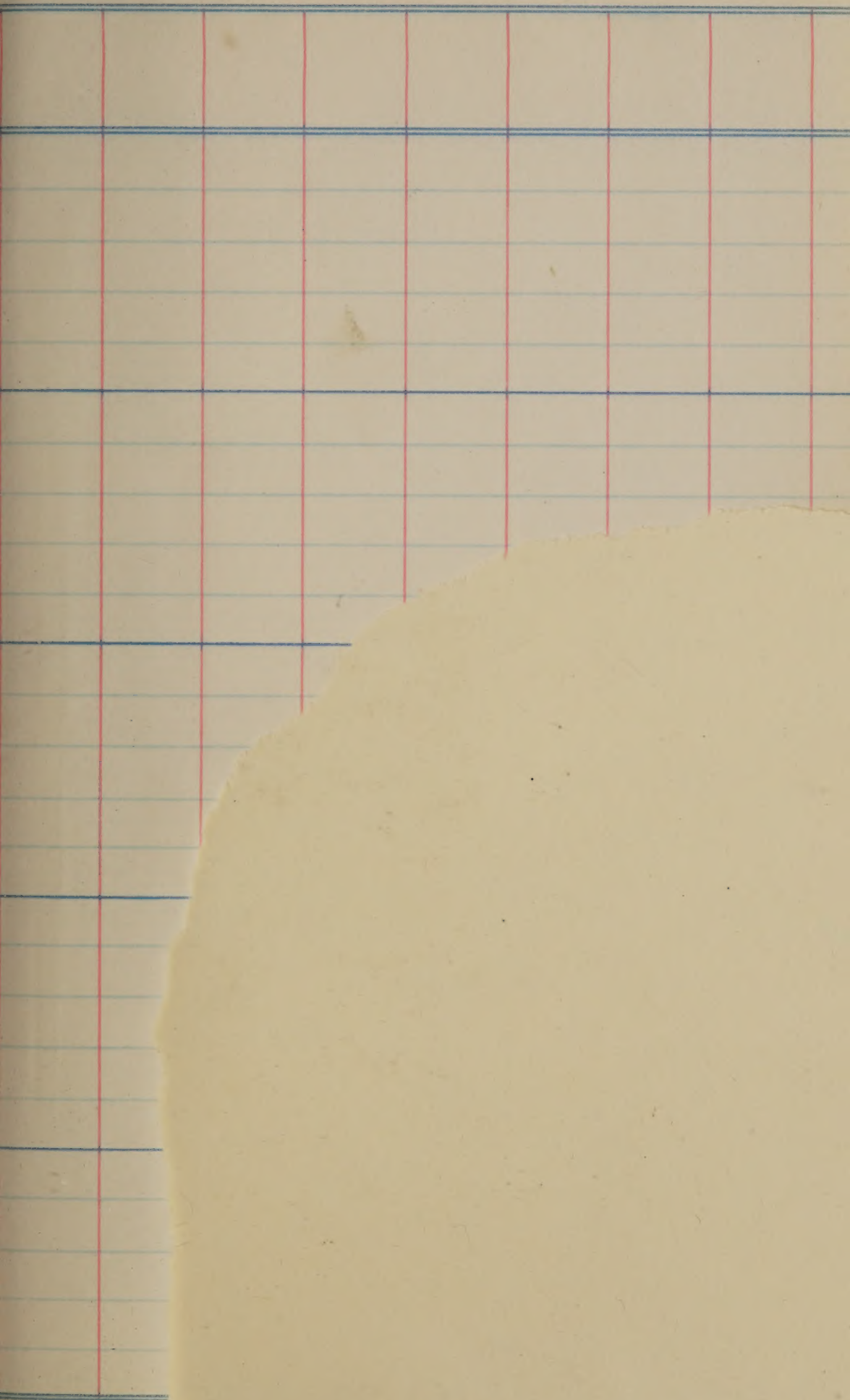












151

calhou



Pictures

- 7/20 1. White tip. Blt border  
then arrose. Row 1 Block 6
- 7/26 2. Plot 10 - Block 2  
arrose - Blt. 50
3. Some
4. Color Blt. border
5. B.R. Plot 10, Block 6
6. Some

35 mm

- 7/26 1. B.R. Plot 10, Block 6
2. Color - Blt. border  
Block 2, Plot 18
3. Arrose Plot 10, Block 2

-Mug.

Straight head +  
Failure to head B  
Thomas Eggers Centy 231  
Inny, Texas

Pat Boyd





Row 6376 H.O. sub.

7101- H.O. sub.

7107 line

6326 H.O. sub

6328

5580 Stube

moved back

1105

|      |      |      |
|------|------|------|
| 7201 | 7101 | 7001 |
| 1    | 1    | 1    |

|      |      |      |
|------|------|------|
| 7242 | 7143 | 7042 |
|------|------|------|

---

|      |      |      |
|------|------|------|
| 7243 | 7143 | 7043 |
| 1    | 1    | 1    |

|      |      |      |
|------|------|------|
| 7284 | 7184 | 7084 |
|------|------|------|

---



D.B.

McCombs, County Agent

Victoria County

Egger farm

---

N.O. 10

N.O. 341





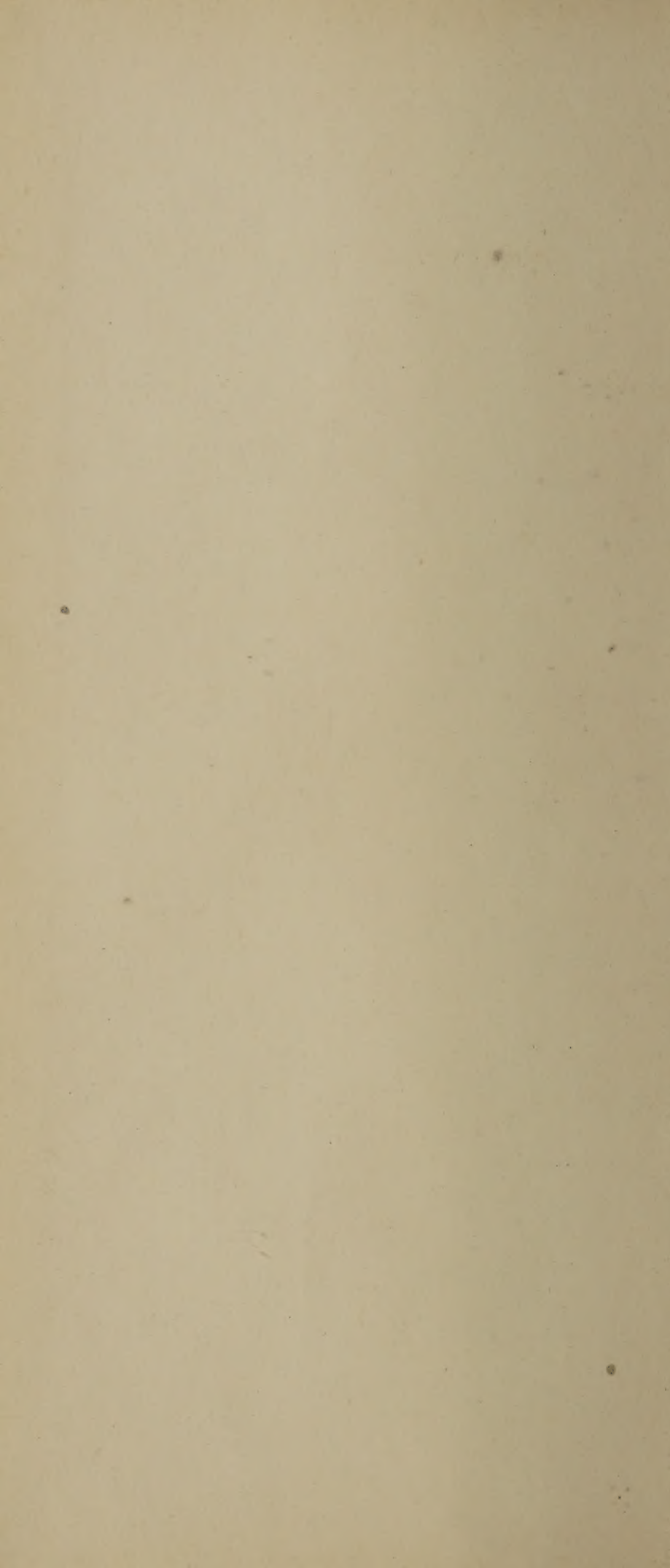














\_\_\_\_\_ TEST OF \_\_\_\_\_, 19\_\_\_\_\_

\_\_\_\_\_  
**CONDITIONS OF EXPERIMENT**  
\_\_\_\_\_

**PLOT**

Location\_\_\_\_\_

Size\_\_\_\_\_

**SOIL**

Kind\_\_\_\_\_

Position\_\_\_\_\_

Previous crop\_\_\_\_\_

**NAME AND CONDITION OF MACHINERY**

Plow\_\_\_\_\_

Disk\_\_\_\_\_

Harrow\_\_\_\_\_

Seeder\_\_\_\_\_

**SEED**

Variety\_\_\_\_\_

Weight per bushel\_\_\_\_\_

Source\_\_\_\_\_

Treatment\_\_\_\_\_

**SEED BED**

**Preparation :**

1. \_\_\_\_\_

2. \_\_\_\_\_

3. \_\_\_\_\_

4. \_\_\_\_\_

5. \_\_\_\_\_

6. \_\_\_\_\_

**SEEDING**

Manner\_\_\_\_\_

Date\_\_\_\_\_

Rate\_\_\_\_\_

TEST OF \_\_\_\_\_, 19\_\_\_\_\_

CONDITIONS OF EXPERIMENT

PLOT

Location\_\_\_\_\_

Size\_\_\_\_\_

SOIL

Kind\_\_\_\_\_

Position\_\_\_\_\_

Previous crop\_\_\_\_\_

NAME AND CONDITION OF MACHINERY

Plow\_\_\_\_\_

Disk\_\_\_\_\_

Harrow\_\_\_\_\_

Seeder\_\_\_\_\_

SEED

Variety\_\_\_\_\_

Weight per bushel\_\_\_\_\_

Source\_\_\_\_\_

Treatment\_\_\_\_\_

SEED BED

Preparation :

1. \_\_\_\_\_

2. \_\_\_\_\_

3. \_\_\_\_\_

4. \_\_\_\_\_

5. \_\_\_\_\_

6. \_\_\_\_\_

SEEDING

Manner\_\_\_\_\_

Date\_\_\_\_\_

Rate\_\_\_\_\_



TEST OF \_\_\_\_\_, 19\_\_\_\_\_

CONDITIONS OF EXPERIMENT

PLOT

Location\_\_\_\_\_

Size\_\_\_\_\_

SOIL

Kind\_\_\_\_\_

Position\_\_\_\_\_

Previous crop\_\_\_\_\_

NAME AND CONDITION OF MACHINERY

Plow\_\_\_\_\_

Disk\_\_\_\_\_

Harrow\_\_\_\_\_

Seeder\_\_\_\_\_

SEED

Variety\_\_\_\_\_

Weight per bushel\_\_\_\_\_

Source\_\_\_\_\_

Treatment\_\_\_\_\_

SEED BED

Preparation :

1. \_\_\_\_\_

2. \_\_\_\_\_

3. \_\_\_\_\_

4. \_\_\_\_\_

5. \_\_\_\_\_

6. \_\_\_\_\_

SEEDING

Manner\_\_\_\_\_

Date\_\_\_\_\_

Rate\_\_\_\_\_

TEST OF \_\_\_\_\_, 19\_\_\_\_

CONDITIONS OF EXPERIMENT

PLOT

Location\_\_\_\_\_

Size\_\_\_\_\_

SOIL

Kind\_\_\_\_\_

Position\_\_\_\_\_

Previous crop\_\_\_\_\_

NAME AND CONDITION OF MACHINERY

Plow\_\_\_\_\_

Disk\_\_\_\_\_

Harrow\_\_\_\_\_

Seeder\_\_\_\_\_

SEED

Variety\_\_\_\_\_

Weight per bushel\_\_\_\_\_

Source\_\_\_\_\_

Treatment\_\_\_\_\_

SEED BED

Preparation :

1. \_\_\_\_\_

2. \_\_\_\_\_

3. \_\_\_\_\_

4. \_\_\_\_\_

5. \_\_\_\_\_

6. \_\_\_\_\_

SEEDING

Manner\_\_\_\_\_

Date\_\_\_\_\_

Rate\_\_\_\_\_



TEST OF \_\_\_\_\_, 19\_\_\_\_\_

CONDITIONS OF EXPERIMENT

PLOT

Location\_\_\_\_\_

Size\_\_\_\_\_

SOIL

Kind\_\_\_\_\_

Position\_\_\_\_\_

Previous crop\_\_\_\_\_

NAME AND CONDITION OF MACHINERY

Plow\_\_\_\_\_

Disk\_\_\_\_\_

Harrow\_\_\_\_\_

Seeder\_\_\_\_\_

SEED

Variety\_\_\_\_\_

Weight per bushel\_\_\_\_\_

Source\_\_\_\_\_

Treatment\_\_\_\_\_

SEED BED

Preparation:

1. \_\_\_\_\_

2. \_\_\_\_\_

3. \_\_\_\_\_

4. \_\_\_\_\_

5. \_\_\_\_\_

6. \_\_\_\_\_

SEEDING

Manner\_\_\_\_\_

Date\_\_\_\_\_

Rate\_\_\_\_\_

TEST OF \_\_\_\_\_, 19\_\_\_\_\_

CONDITIONS OF EXPERIMENT

PLOT

Location\_\_\_\_\_

Size\_\_\_\_\_

SOIL

Kind\_\_\_\_\_

Position\_\_\_\_\_

Previous crop\_\_\_\_\_

NAME AND CONDITION OF MACHINERY

Plow\_\_\_\_\_

Disk\_\_\_\_\_

Harrow\_\_\_\_\_

Seeder\_\_\_\_\_

SEED

Variety\_\_\_\_\_

Weight per bushel\_\_\_\_\_

Source\_\_\_\_\_

Treatment\_\_\_\_\_

SEED BED

Preparation :

1. \_\_\_\_\_

2. \_\_\_\_\_

3. \_\_\_\_\_

4. \_\_\_\_\_

5. \_\_\_\_\_

6. \_\_\_\_\_

SEEDING

Manner\_\_\_\_\_

Date\_\_\_\_\_

Rate\_\_\_\_\_



TEST OF \_\_\_\_\_, 19\_\_\_\_\_

CONDITIONS OF EXPERIMENT

PLOT

Location\_\_\_\_\_

Size\_\_\_\_\_

SOIL

Kind\_\_\_\_\_

Position\_\_\_\_\_

Previous crop\_\_\_\_\_

NAME AND CONDITION OF MACHINERY

Plow\_\_\_\_\_

Disk\_\_\_\_\_

Harrow\_\_\_\_\_

Seeder\_\_\_\_\_

SEED

Variety\_\_\_\_\_

Weight per bushel\_\_\_\_\_

Source\_\_\_\_\_

Treatment\_\_\_\_\_

SEED BED

Preparation :

1. \_\_\_\_\_

2. \_\_\_\_\_

3. \_\_\_\_\_

4. \_\_\_\_\_

5. \_\_\_\_\_

6. \_\_\_\_\_

SEEDING

Manner\_\_\_\_\_

Date\_\_\_\_\_

Rate\_\_\_\_\_

TEST OF \_\_\_\_\_, 19\_\_\_\_\_

CONDITIONS OF EXPERIMENT

PLOT

Location\_\_\_\_\_

Size\_\_\_\_\_

SOIL

Kind\_\_\_\_\_

Position\_\_\_\_\_

Previous crop\_\_\_\_\_

NAME AND CONDITION OF MACHINERY

Plow\_\_\_\_\_

Disk\_\_\_\_\_

Harrow\_\_\_\_\_

Seeder\_\_\_\_\_

SEED

Variety\_\_\_\_\_

Weight per bushel\_\_\_\_\_

Source\_\_\_\_\_

Treatment\_\_\_\_\_

SEED BED

Preparation :

1. \_\_\_\_\_

2. \_\_\_\_\_

3. \_\_\_\_\_

4. \_\_\_\_\_

5. \_\_\_\_\_

6. \_\_\_\_\_

SEEDING

Manner\_\_\_\_\_

Date\_\_\_\_\_

Rate\_\_\_\_\_



# SAMPLE PAGE

## VARIETAL TEST OF OATS, 1908

### CONDITIONS OF EXPERIMENT

#### PLOT

Location-----Field H.  
Size-----1/20 acre.

#### SOIL

Kind-----Prairie loam.  
Position-----Somewhat rolling.  
Previous crop-----Corn.

#### NAME AND CONDITION OF MACHINERY

Plow-----  
Disk-----Osborn-----Sharp.  
Harrow-----U Bar-----Good.  
Seeder-----Monitor-----Good.

#### SEED

Variety-----Variable.  
Weight per bushel-----Variable.  
Source-----Variable.  
Treatment-----Fanned clean and treated for smut.

#### SEED BED

Preparation:

1. Disked (lapped half)-----4-6-'08.
2. Disked (lapped half)-----4-10-'08.
3. Harrowed-----4-10-'08.
4. Harrowed-----4-27-'08.
5. Seeded-----4-27-'08.
6. Harrowed-----4-27-'08.

#### SEEDING

Manner-----Drilled.  
Date-----4-27-'08.  
Rate-----3 bushels per acre by weight.







Wood Pecc Collection - Beaumont,

|      |         | NO.  |           |
|------|---------|------|-----------|
| 5701 |         | 3 S  | Headed    |
| 5702 |         | 2 MS | Mature    |
| 5703 |         | 2 MR | Boat      |
| 5704 |         | 3 S  | Mature    |
| 5705 |         | 1 R  | Headening |
| 5706 |         | 3 S  | Headed    |
| 5707 | Blond   |      |           |
| 5708 |         | 2 S  | Headed    |
| 5709 | Blond   | -    |           |
| 5710 | ✓       | -    |           |
| 5711 | ✓       | -    |           |
| 5712 | ✓       | -    |           |
| 5713 | ✓       | -    |           |
| 5714 | ✓       | -    |           |
| 5715 |         | 3 S  | Headed    |
| 5716 |         | 2 S  | Boat      |
| 5717 | 1 plant | 2 MR | Headed    |
| 5718 |         | 2 MR | Headed    |
| 5719 |         | 2 MS | Boat      |
| 5720 |         | 2 S  | Boat      |
| 5721 |         | 1 MR | ✓         |



9-23-56  
H.G. C.O.  
Hornet.

✓

2MR 1-2MR

Tall, late

10-20  
MR Sat  
No hand

Hornet

2MR 1-2MR

(3 plants)

Hornet

-

✓

-

-

-

-

-

-

Hornet

2MS 3S

2-3MS 1-2MR

Tall, 3rd time

2-3S 1-2MR

✓

✓ ✓

1R 1-2R

✓

✓ ✓

1-2  
MB MR

✓

✓ ✓

1-2  
MR 1-2R

✓

2nd

|       |       |        |  |
|-------|-------|--------|--|
| 57 22 | Plumb |        |  |
| 57 23 |       |        |  |
| 57 24 |       |        |  |
| 57 25 |       |        |  |
| 57 26 |       |        |  |
| 57 27 |       |        |  |
| 57 28 | 2 S   | Headed |  |
| 57 29 | 2 MR  | Headed |  |
| 57 30 | 2-3 S | Boot   |  |
| 57 31 | 2 S   | ✓      |  |
| 57 32 | 2 R   | Headed |  |
| 57 33 | 3 MS  | Boot   |  |
| 57 34 | 2 S   | ✓      |  |
| 57 35 | 2 MR  | ✓      |  |
| 57 36 | 3 S   | Mature |  |
| 57 37 | 2 S   | ✓      |  |
| 57 38 | 2 MR  | ✓      |  |
| 57 39 | 1 R   | Headed |  |
| 57 40 | 3 S   | ✓      |  |
| 41    | 2 S   | ✓      |  |
| 42    | 2 R   | Boot   |  |



4-23-54  
 46 PB.

Hornet

2MA 3S

Post mortem

2MS 2MS

Erythraea malar

2MS 2MS

2-3 1-2  
 MS MS

Some 3ms.

2-3 3S  
 MS

2-3 3S  
 MS

2MS 3MS

Hornet

✓

✓

✓

✓

✓

3MS 1-2  
 MS

50p.

10-19-54  
Row 5761  
No. Res.

|    |             | No   | CO   |        |
|----|-------------|------|------|--------|
| 57 | 43          | 1 R  |      | Boot   |
| 57 | 44          | 1 R  |      | ✓      |
|    | 45          | 2 R  |      | ✓      |
|    | 46          | 2 S  |      | ✓      |
| +  | 47<br>Short | 2 MR | 1    | Mature |
|    | 48          | 2 MR |      | Boot   |
|    | 49          | 2 MS |      | ✓      |
|    | 50          | 2 MS |      | ✓      |
|    | 51          | 2 R  |      | Headed |
|    | 52          | 2 MR | 1 at | 1 Boot |
|    | 53          | 2 MR |      | ✓      |
|    | 54          | 2 R  |      | Mature |
|    | 55          | 1 R  |      | Boot   |
|    | 56          | 1 MR |      | Headed |
|    | 57          | 2 MR |      | Ready  |
|    | 58          | 1 R  |      | Boot   |
|    | 59          | 2 MR | 2 S  | ✓      |
|    | 60          | 1 R  |      | ✓      |
|    | 61          | 1 R  |      | ✓      |
|    | 62          | 2 MS |      | ✓      |
|    | 63          | 1 R  |      |        |



|             |                   |  |  |  |   |
|-------------|-------------------|--|--|--|---|
| 9-23        |                   |  |  |  |   |
| 116 C.O.    |                   |  |  |  |   |
| 1-24R 3-4S  |                   |  |  |  |   |
| 1-24R 3S    | Short, long grain |  |  |  |   |
| 24R 1-24R   | ✓                 |  |  |  |   |
| 2-34S 1-24R | ✓                 |  |  |  |   |
| Hovant      |                   |  |  |  |   |
| 24R 2-34S   | ✓                 |  |  |  |   |
| 24S 1-24R   |                   |  |  |  |   |
| 24S 34S     |                   |  |  |  |   |
| Hovant      |                   |  |  |  |   |
| 24S 3-4S    |                   |  |  |  |   |
| 2-34S 1-24R |                   |  |  |  |   |
| Hovant      |                   |  |  |  |   |
| 1-24R 3-4S  | part in clarity   |  |  |  |   |
| Hovant      |                   |  |  |  |   |
| 24R 24S     | 24S               |  |  |  | * |
| 1R 3-4S     |                   |  |  |  |   |
| 24R 3-4S    |                   |  |  |  |   |
| 2-34S 1-24R | 5ys.              |  |  |  |   |
| 1R 1R       | Rather late 30s.  |  |  |  |   |
| 1-24R 1R    | ✓ ✓ ✓             |  |  |  |   |
| 1-24R 1-24R | Long grain, short |  |  |  | * |

|    |    |      |     |         |
|----|----|------|-----|---------|
|    |    | 110  |     |         |
| 57 | 64 | 1 R  |     | But     |
|    | 65 | 2 MS |     | ✓       |
|    | 66 | 2 MR |     | ✓       |
|    | 67 | 2 MR |     | ✓       |
|    | 68 | 2 MS |     | ✓       |
|    | 69 | 2 MR |     | Mature  |
|    | 70 | 2 S  |     | ✓       |
|    | 71 | 2 S  |     | ✓       |
|    | 72 | 1 R  |     | Headed  |
|    | 73 | 2 S  |     | Mature  |
|    | 74 | 2 S  |     | ✓       |
|    | 75 | 1 R  |     | ✓       |
|    | 76 | 1 R  | 2 S | Halving |
|    | 77 | 2 MR |     | ✓       |
|    | 78 | 2 MR |     | But     |
|    | 79 | 2 MR |     | ✓       |
|    | 80 | 2 MR |     | ✓       |
|    | 81 | 2 R  |     | ✓       |
|    | 82 | 3 S  |     | Mature  |
| *  | 83 | 1 R  |     | ✓       |
|    | 84 | 2 MR | 1   | ✓       |



9-23

No CG.  
2MP 1P

2MS 3S

2-3<sub>M</sub>S 3S

23P 1P

2MP 1P

Hout

✓

✓

✓

✓

✓

✓

1-2MP 3S

part maturity

2MS 3S

2MS 2-3<sub>M</sub>S

2MP 3S

2MS 2MS

3S 2MS

Hout

✓

✓

|    |    |     |         |
|----|----|-----|---------|
| 58 |    | 110 |         |
| 58 | 01 | 2MR | Heading |
|    | 02 | 2S  | Headed  |
| 58 | 03 | 2S  | Mature  |
|    | 04 | 2S  | ✓       |
|    | 05 | 3S  | ✓       |
|    | 06 | 2S  | ✓       |
|    | 07 | 2S  | ✓       |
|    | 08 | 2S  | ✓       |
|    | 09 | 1R  | Headed  |
|    | 10 | 2MR | ✓       |
|    | 11 | 2MR | Root    |
|    | 12 | 2MS | Headed  |
|    | 13 | 2R  | Root    |
|    | 14 | 2S  | ✓       |
|    | 15 | 2MS | ✓       |
|    | 16 | 2S  | ✓       |
|    | 17 | 2MR | Headed  |
|    | 18 | 2S  | Mature  |
|    | 19 | 2S  | ✓       |
|    | 20 | 2S  | ✓       |
|    | 21 | 2S  | ✓       |



9-23  
Kb. C.B.  
2m 34s

2-25 3-45

Horent

✓

✓

✓

✓

✓

✓

✓

2m 35

- 55

Port maling

2m 2m

Mid. gear

2m 2m

2-3 1-2  
ms ms

2-3 2m  
ms

Horent

✓

✓

✓

✓

|    |    |           |    |         |
|----|----|-----------|----|---------|
| 58 | 22 | 2S        |    | Header  |
| 58 | 23 | 2MR       |    | ✓       |
| 58 | 24 | 3S        |    | ✓       |
| 58 | 25 | 1R        |    | Boat    |
| 58 | 26 | 1R        |    | ✓       |
|    | 27 | 2-3<br>MS |    | Machine |
|    | 28 | 2MR       |    | Header  |
|    | 29 | 2MR       | 1S | Boat    |
|    | 30 | 2R        |    | ✓       |
|    | 31 | 2MR       |    | Header  |
|    | 32 | 2S        |    | Header  |
|    | 33 | 2S        |    | ✓       |
|    | 34 | 2S        |    | Boat    |
|    | 35 | 2MR       |    | ✓       |
|    | 36 | 2MS       |    | Header  |
|    | 37 | 2MR       |    | Boat    |
|    | 38 | 3S        |    | Header  |
|    | 39 | 2MS       |    | Header  |
|    | 40 | 2MR       |    | Boat    |
|    | 41 | 2MS       |    | Machine |
|    | 42 | 2MS       |    | Header  |



Hount

✓

✓

1-2 1-2  
MA A

2MS 2-3S

Hount

✓

2MA 4 S

2MA 5 S

2MA 3-4 S

Hount

✓

2-3S 1-2P  
MS

2MA 1-2A

2-3 1A  
MS

2MS 2MS

Jap. Jm.

7 all

Hount

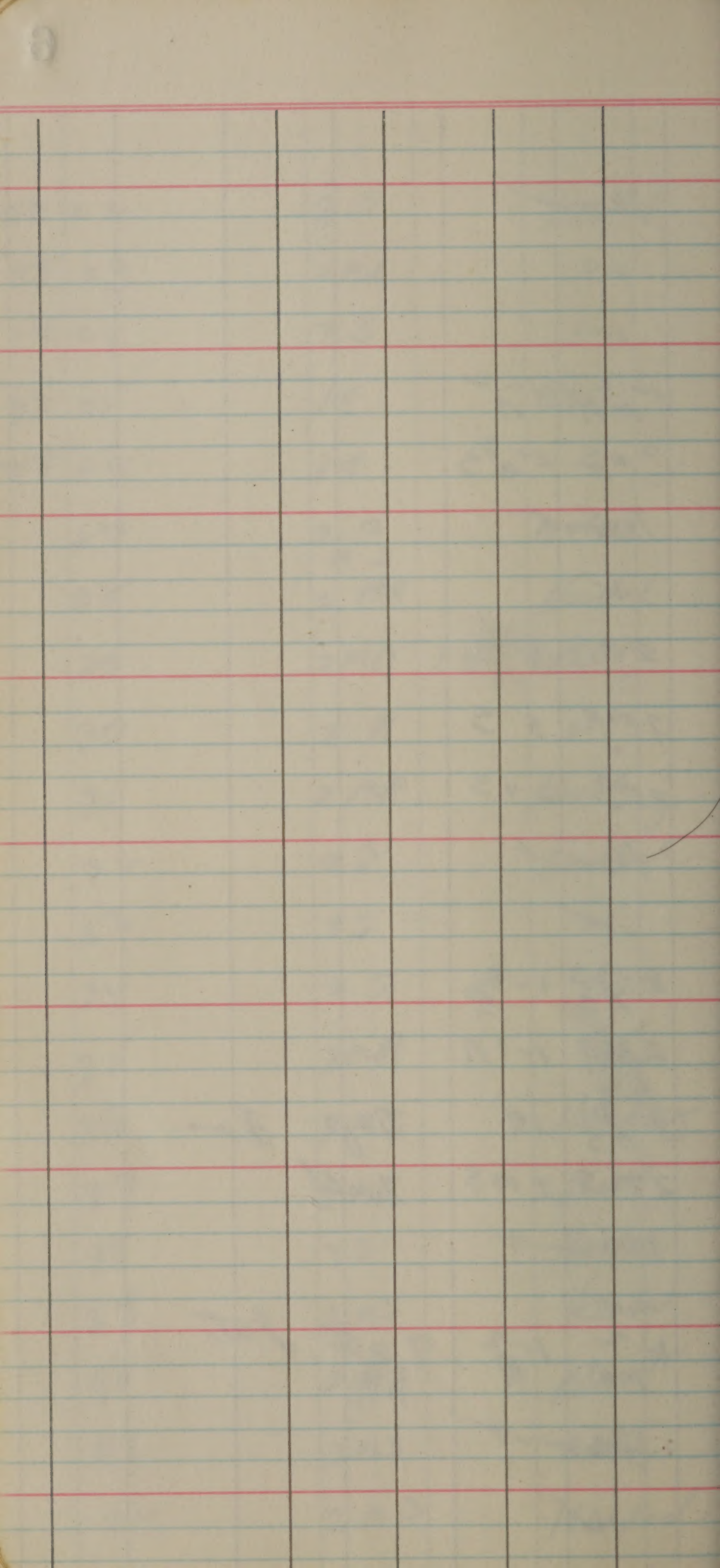
✓

1-2 1-2  
MA P

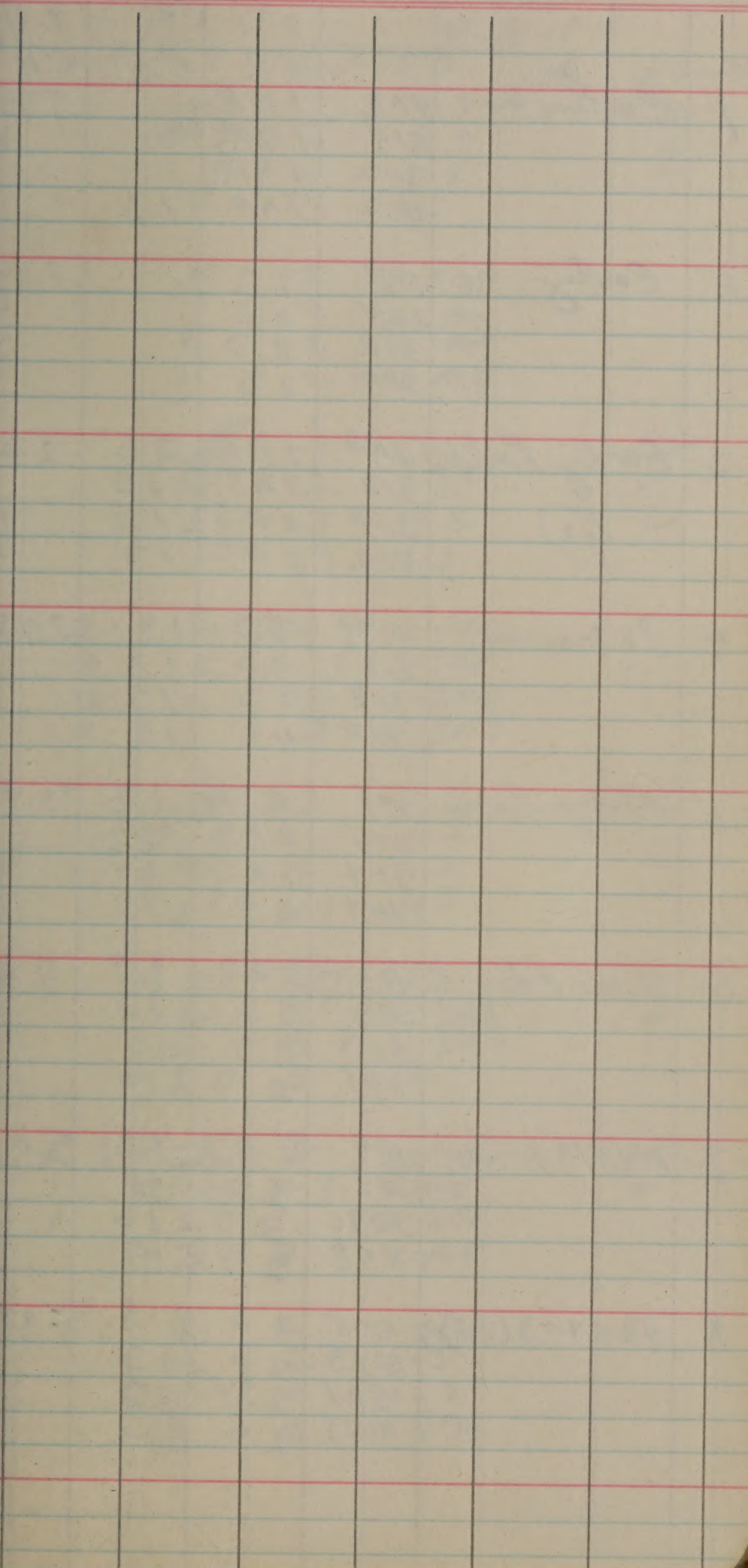
7 all, 1st

Hount

✓







# Uniform Nursery Beaumont

|   |                      |                          | 8-11-54                       |                            | 9-7      |
|---|----------------------|--------------------------|-------------------------------|----------------------------|----------|
|   |                      |                          | N.O                           | C.O                        | C.O      |
| 1 | Calusa               | 108<br>210<br>302<br>412 | 1 MR<br>1 MR<br>1 MR<br>1 MR  | 1 S                        | 3 3/4    |
| 2 | Cady                 | 109<br>205<br>308<br>406 | 2 S<br>2 S<br>2 S<br>2 S      |                            | 2 4/5    |
| 3 | Early Purple<br>(13) | 106<br>212<br>310<br>402 | 2 MR<br>2 MS<br>2 MS<br>2 MS  | 2 S<br>1 S<br>1 S<br>1 S   | 2 MR     |
| 4 | Lacross              | 107<br>202<br>314<br>410 | 3 S<br>4 S<br>3 S<br>4 S      | 1 S<br>1 S<br>1 S<br>1 S   | 3-4 S    |
| 5 | Magnolia             | 101<br>206<br>304<br>404 | 2 (S)<br>2 MS<br>2 MS<br>2 MS | 1 (S)<br>1 S<br>1 S<br>1 S | * 3-4 S  |
| 6 | Zenith               | 112<br>203<br>313<br>401 | 2 MS<br>2 S<br>2 S<br>2 S     | 1 S<br>1 S<br>1 S<br>1 S   | * 4 S    |
| 7 | B4310A1-20           | 104<br>201<br>307<br>408 | 2 MS<br>3 S<br>3 S<br>2 S     | 1 (S)<br>1 S<br>1 S<br>1 S | * 2-M MR |
| 8 | 42e403(53)17         | 105<br>213<br>301<br>409 | 2 S<br>2 S<br>2 S<br>2 S      | 1 S<br>1 S<br>1 S<br>1 S   | * 3 S    |



Crowley 8-20-54

Beaumont

8

|     |     | 9-8-54 |        |     |      |
|-----|-----|--------|--------|-----|------|
| N.O | C.O | L.Smt  | C.O    | N.O | Home |
| X   |     | 3      | 3 S    |     | ✓    |
| X   | 5   | 3      | 3 S    |     | ✓    |
| X   | 4   | 4      | 3-4    |     | ✓    |
|     | 4   | 3      | 4      |     |      |
| 1   | 4   | 2      | 2-3 MP |     |      |
|     | 3   | 2      | 2 MR   |     |      |
|     | 3   | 2      | 2 MP   |     |      |
|     | 3   | 2      | 2 MP   |     |      |
|     | 5   | 3      | 3 S    |     | ✓    |
|     | 5   | 2      | 3 S    |     | ✓    |
|     | 5   | 3      | 3 S    |     | ✓    |
|     | 5   | 3      | 3 S    |     |      |
| 2   | 2   | 2-4    | 2 MP   |     | ✓    |
| 2   | 2   | 3      | 2-3 MP |     | ✓    |
| 2   | 2   | 2-3    | 2-3 MS |     |      |
| 2   | 1   | 3      | 2-3 MS |     |      |
|     | 4   | 3      | 4 S    |     | ✓    |
|     | 2-3 | 2      | 3 S    |     |      |
|     | 3   | 3      | 3 S    |     |      |
|     | 3   | 3-4    | 4 S    |     |      |
|     | 5   | 3-4    | 4 S    |     | ✓    |
|     | 5   | 3      | 2-3 AS |     | ✓    |
|     | 5   | 3      | 2-3 MS |     |      |
|     | 5   | 3      | 3      |     |      |
| 1   | 2   | 3      | 2-3 AS |     | ✓    |
| 1   | 2-3 | 2-3    | 2 MR   |     | ✓    |
| 1   | 2   | 2-3    | 2-3 MR |     |      |
|     | 2   | 2-3    | 2 MR   |     |      |
|     | 3   | 2      | 2-3 MR |     | ✓    |
|     | 4   | 2      | 2-3    |     |      |
|     | 3-4 | 2      | 2-3    |     |      |
|     | 3   | 2      | 2-3 MR |     |      |

|    |                  |     | 8-11-54 | 9-7           |
|----|------------------|-----|---------|---------------|
|    |                  |     | NO CO   | CO            |
| 9  | 44C507-4052      | 103 | 2 MS    | 1 (S) * 3 (S) |
|    | R. P. L. + X mag | 204 | 2 MS    | 1 S           |
|    |                  | 303 | 2 MS    | 1 S           |
|    |                  | 407 | 2 MS    | 1 S           |
| 10 | 44C516(52)       | 102 | 3 (S)   | 1 (S) * 4 S   |
|    | 4090             | 208 | 3 S     | 1 S           |
|    | Lac X mag        | 309 | 3 S     | 1 S           |
|    |                  | 413 | 2 S     | 1 S           |
| 11 | 42C403-103       | 113 | 1-2 MR  | * 2 MR        |
|    | Mag X 250-3      | 211 | 1 MR    |               |
|    |                  | 306 | 1 MR    |               |
|    |                  | 414 | 1 MR    |               |
| 12 | C4035            | 110 | 2 MS    | * 3 MS        |
|    | Mag X 4II-1-8    | 207 | 2 MS    |               |
|    |                  | 305 | 1 MS    |               |
|    |                  | 403 | 2 MS    |               |
| 13 | B4564 A2-        | 114 | 2 (S)   | 1 S * 4 MS    |
|    | 11-4-3           | 214 | 2 MS    | 1 S           |
|    |                  | 311 | 2 S     | 1 S           |
|    |                  | 405 | 2 S     | 1 S           |
| 14 | Cal 24/B5-2      | 111 | 3 S     | 2 MR          |
|    |                  | 209 | 3 S     |               |
|    |                  | 312 | 2 S     |               |
|    |                  | 411 | 2 S     |               |



8-20-54

Part

| Crow | NO | NO  | Size           | 9-8    | NO  | Hand |
|------|----|-----|----------------|--------|-----|------|
|      | 3  | 2   | 2-3            | 2-3 MS |     | ✓    |
|      |    | 2-3 | 2-3            | 3 S    |     | ✓    |
|      | 2  | 2   | 3              | 3 S    |     | ✓    |
|      |    | 2-3 | 3              | 3 S    |     |      |
|      | 2  | 1   | 2-3            | 3-4 S  | 3   |      |
|      | 2  | 2   | 2-3            | 3 MS   | 3   |      |
|      | 2  | 2   | 2-3            | 3 MS   | 3   |      |
|      | 2  | 2   | 3              | 4 S    | 3   |      |
|      |    | 3   | 4              | 3 MS   |     | ✓    |
|      |    | 3   | 4              | 4 S    |     | ✓    |
|      |    | 3   | 5              | 3-4 S  |     |      |
|      |    | 3   | 4              | 3 MS   |     |      |
|      | 2  | 2   | 3              | 2-3 MS |     | ✓    |
|      | 1  | 2   | 2-3            | 2-3 MS |     |      |
|      | 1  | 2   | 3              | 3 MS   |     |      |
|      | 1  | 4   | 3              | 3-4 MS |     | ✓    |
|      |    | 4   | 3              | 3-4 S  |     | ✓    |
|      |    | 4   | 3              | 3 MS   |     |      |
|      | 4  |     | 3-4            | 3 MS   |     |      |
|      | 1  | 1   | <del>1-2</del> | 2 MS   | 2-3 | 3 MS |
|      | 2  | 2   | 1              | 1-2 MS |     | 3 MS |
|      | 2  | 2   | 1-2            | 1-2 MS |     | ✓    |
|      | 2  | 1   | 2              | 1-2 MS |     | ✓    |
|      | +  | +   |                |        |     |      |

# Uniform Nursery

II

|    |                      |                          | 8-11-54                  | 9-6                  |
|----|----------------------|--------------------------|--------------------------|----------------------|
|    |                      |                          | N.O.                     | P.O.                 |
| 21 | Zenith               | 115<br>218<br>326<br>421 | 2MS<br>2MS<br>2MS<br>2MS | 3-45                 |
| 22 | Prelude              | 124<br>222<br>320<br>423 | 2MS<br>2S<br>2S<br>2S    | 3-45                 |
| 23 | Century<br>Patma 231 | 116<br>216<br>323<br>416 | 2MS<br>2MS<br>2MS<br>2MS | 23MS                 |
| 24 | Century 52           | 123<br>219<br>327<br>423 | 2MS<br>2MS<br>2MS<br>2MS | 2MS                  |
| 25 | Repair               | 127<br>226<br>319<br>420 | 3S<br>2S<br>3S<br>2S     | 2S<br>15<br>15<br>15 |
| 26 | C50-4054<br>RX 2     | 117<br>217<br>317<br>417 | 2MS<br>2S<br>2MS<br>2S   | 2MS                  |
| 27 | SP-14                | 122<br>225<br>315<br>427 | 2MS<br>2MS<br>2MS<br>2MS | 15<br>15<br>15       |
| 28 | SP-16                | 121<br>223<br>318<br>422 | 2MR<br>2MR<br>2MR<br>2MR | 15<br>15<br>15       |



| Crownley 8-20                    |      |       |        | Part 1 |      |
|----------------------------------|------|-------|--------|--------|------|
| N.O.                             | C.O. | Smith | C.O.   | N.O.   | Home |
| X                                | 4    | 3-4   | 3 S    |        | ✓    |
| X                                | 4    | 3-4   | 3 AS   |        |      |
| X                                | 5    | 3-4   | 3 AS   |        |      |
| X                                | 5    | 3     | 3 AS   |        |      |
| 1                                | 3-4  | 3-4   | 3-4 S  |        |      |
|                                  | 4    | 3-4   | 2-3 MS |        |      |
|                                  | 3(S) | 3-4   | 3 AS   |        |      |
| -                                | 3    | 4     | 3      |        |      |
| 1                                | 3    | 3     | 2-3 MP |        | ✓    |
|                                  | 3    | 3-4   | 2 MP   |        |      |
|                                  | 2-3  | 3     | 2 MP   |        |      |
| 1                                | 3    | 3     | 2-3 MP |        |      |
| Sinc. Unbroken shell light       |      |       |        |        |      |
|                                  | 1    | 4     | 2-3 AS |        | ✓    |
|                                  | 2    | 3-4   | 2 MS   |        |      |
|                                  | 1    | 3-4   | 2 MP   |        |      |
| 1                                | 3    | 3     | 2 MP   |        |      |
| Stair                            |      |       |        |        |      |
|                                  | 2    | 1-2   | 2-3 S  |        |      |
| 1                                | 1-2  | 1-2   | 2 MS   |        |      |
| 2                                | 1    | 3     | 3 S    |        |      |
| 1                                | 1    | 3-4   | 3 S    |        |      |
| X                                | 2-3  | 5     | 2-3 S  |        | ✓    |
| X                                | 2-3  | 5     | 2 MP   |        |      |
| X                                | 2-3  | 4-5   | 2-3 MP |        |      |
|                                  | 2-3  | 4     | 2 MP   |        |      |
| Sinc. Unbroken shell light, 3ms. |      |       |        |        |      |
| 1                                | 1    | 3     | 3 S    |        | ✓    |
| 1                                | 1    | 3     | 3 S    |        |      |
| 2                                | 2    | 2     | 4 S    |        |      |
| 1                                | 1    | 2     | 3 S    |        |      |
| -                                | 1    | 3     | 3-4 AS |        | ✓    |
| -                                | 1    | 3     | 3 S    |        |      |
| 1                                | 1    | 3     | 3-4 S  |        |      |
| 1                                | 1    | 3-4   | 3      |        |      |

|    |                     |                          | 8-11-54                  |                      |      |
|----|---------------------|--------------------------|--------------------------|----------------------|------|
|    |                     |                          | H.O.                     | C.O                  | C.O  |
| 29 | 54526A3.<br>49 B 2  | 119<br>215<br>316<br>424 | 2MS<br>2MS<br>2MS<br>2MS | 1S                   | 3S   |
| 30 | 44C 521-4012<br>RX2 | 120<br>227<br>322<br>415 | 2MS<br>2MS<br>2MS<br>3S  | 1S<br>1S             | 3S   |
| 31 | C53-4059            | 125<br>221<br>321<br>424 | 2MS<br>2S<br>2S<br>2S    | 1S<br>1S             | 3S   |
| 32 | B4512A1-20          | 126<br>224<br>324<br>418 | 3S<br>3S<br>3S<br>3S     | 3S<br>2S<br>3S<br>3S | None |
| 33 | Stg. 511706         | 128<br>228<br>325<br>419 | 2-3(S)<br>2S<br>3S<br>2S | 1S<br>1S<br>1S       | 3S   |
| 34 | B4524A1-<br>43-3-2  | 118<br>220<br>328<br>428 | 2MS<br>2MS<br>2S<br>2MS  |                      | 2-3S |

#25 + 32 most receipt



| Cronby |          | 8-20-54 | Burt     |       |        |
|--------|----------|---------|----------|-------|--------|
| H.O.   | C.O.     |         | L. Smart | C.O.  | H.O.   |
|        | 2        |         | 3        | 3 MS  |        |
|        | 2        |         | 3        | 3-4 S |        |
|        | 2        |         | 3        | 3 S   |        |
|        | 2        |         | 3        | 3 MS  |        |
| 1      | 1        |         | 4        | 3-4 S | ✓      |
| 1      | 2        |         | 4        | 4-5 S |        |
| 1      | 1        |         | 4        | 4 S   |        |
| -      | 2-3      |         | 4        | 4-5 S |        |
|        | Entylosa |         |          |       |        |
|        | 2-3      |         | 3-4      | 2-3   | ✓      |
|        | 2-3      |         | 3        | 2 MP  | ✓      |
| 1      | 3        |         | 4        | 2 MP  |        |
| 1      | 2        |         | 4        | 2 MP  |        |
|        | 3        |         | 2        | 3 S   | Good ✓ |
|        | 3-4      |         | 2        | 3 S   | Good ✓ |
|        | 3        |         | 2        | 3 S   | Good ✓ |
|        | 5        |         | 2        | 3 S   |        |
|        | 3        |         | 3        | 3 S   |        |
|        | 3        |         | 3        | 3 S   |        |
|        | 2-3      |         | 3        | 3 S   | Good ✓ |
|        | 3        |         | 3        | 3-4   |        |
|        | 1        |         | 4        | 2 MS  |        |
|        | 1        |         | 4        | 3 MS  |        |
|        | 1        |         | 4        | 3 S   |        |
|        | 1        |         | 3-4      | 3 S   |        |
| 3 MS   |          |         |          |       |        |

III

Beauveret

Be

|    |            |  | 8-11-51 | P.O. | 9-8    |
|----|------------|--|---------|------|--------|
| 41 | Nira       |  | 2-3 S   |      | 2 MS   |
|    |            |  | 2 S     |      | 2 MS   |
|    |            |  | 2 S     |      | 2 MS   |
|    |            |  | 2 MS    |      | 2 MS   |
| 42 | Sunbonnet  |  | 2-3 MS  |      | 2 MS   |
|    |            |  | 2 MS    |      | 3 MS   |
|    |            |  | 2 MS    |      | 3 MS   |
|    |            |  | 2 MS    |      | 3 MS   |
| 43 | Bluebonnet |  | 2-3 MS  | 1 S  | 4 S    |
|    |            |  | 2 MS    |      | 4 S    |
|    |            |  | 3 S     |      | 4 S    |
|    |            |  | 2-3 MS  | 1 S  | 4 S    |
| 44 | Bluebonnet |  | 2-3 MS  |      | 3-4 S  |
|    | 50         |  | 2 S     |      | 3 S    |
|    |            |  | 2-3 MS  |      | 4 S    |
|    |            |  | 2 MS    |      | 4 S    |
| 45 | Imp. Bbt.  |  | 2-3 MS  |      | 1 R    |
|    |            |  | 2 S     |      | 1 R    |
|    |            |  | 3 S     |      | 1-2 R  |
|    |            |  | 2 S     |      | 1-2    |
| 46 | Fortuna    |  | 3 S     |      | 3 MS   |
|    |            |  | 2 S     |      | 2-3 MS |
|    |            |  | 2 MS    |      | 2-3 MS |
|    |            |  | 2 MS    |      | 2-3 MS |
| 47 | E4-II-8-14 |  | 2-3 MS  |      | 3 S    |
|    | X          |  | 2 S     |      | 3 S    |
|    | Bbt.       |  | 2-2 S   | 1 S  | 3-4 S  |
|    | Toro       |  | 2 MS    |      | 3-4    |
| 48 | B46-4799   |  | 3 S     | 1 S  | 2-3 MS |
|    | Rogue      |  | 2 MS    |      | 3 S    |
|    |            |  | 3 S     |      | 2-3 MS |
|    |            |  | 2 MS    |      | 2-3 MS |



out

|   |          | Crowley 8-20-54 |      |                       |
|---|----------|-----------------|------|-----------------------|
|   |          | H.O.            | C.O. |                       |
|   |          | 1               | 1    |                       |
|   |          | 1               | 1    |                       |
|   |          | -               | 2    |                       |
|   |          | -               | 1    |                       |
| 3 |          | 1               | 1    |                       |
| 3 | to. Smit | 1               | 1    |                       |
|   |          | 1               | 2    |                       |
|   |          | 1               | 1    |                       |
| 2 |          | 1               | 1    |                       |
| 2 |          | -               | 1    |                       |
| 2 |          | 1               | 1    |                       |
| 2 |          | 1               | 1    |                       |
| 3 |          | 1               | 1    |                       |
|   |          | -               | 1    |                       |
|   |          | 1               | 1    |                       |
|   |          | 1               | 1    |                       |
| 3 |          | -               | 1-2  |                       |
|   |          | -               | 1    |                       |
|   |          | 1               | 1    |                       |
|   |          | -               | 1    |                       |
| 2 |          | -               | 2    | Sheath Blight         |
| 2 |          | -               | 3    | " "                   |
|   |          | -               | 3    |                       |
|   |          | 1               | 2-3  |                       |
| 1 |          | 1               | 1    |                       |
|   |          | -               | 1    |                       |
|   |          | 1               | 1    |                       |
|   |          | 1               | 1    | Sheath                |
|   |          | -               | 1    |                       |
|   |          | -               | 1    | Entire, Sheath Blight |
|   |          | 1               | 1    |                       |
|   |          | -               | 1    |                       |

III

Beaumont Bee

|    |                    | 8-11-54                         |                          | 9-8                              |
|----|--------------------|---------------------------------|--------------------------|----------------------------------|
|    |                    | N.O                             | C.O                      | C.O                              |
| 49 | S4542A2-<br>49B-1  | 2 AS<br>1 AS<br>2 MS<br>2 MB    |                          | 3 B<br>3 S<br>3 S<br>3 S         |
| 50 | S4511A2-<br>49B-2  | 3 MS<br>3 MS<br>3 MS<br>2 MS    | 1 S<br>1 S<br>1 S        | 2 MP<br>2 MP<br>2-3 M<br>3 AS    |
| 51 | 46C709             | 2 S<br>2-3 MS<br>2-3 AS<br>2 AS |                          | 2 MP<br>2 MP<br>2-3 MP<br>2-3 MP |
| 52 | 46C713             | 3 S<br>2-3 S<br>3 S<br>2-3 S    | 2 S<br>2 S<br>2 S<br>2 S | 4-5<br>4 S<br>4 S<br>4-5 S       |
| 53 | B322B47-<br>12-2-F | 3 MS<br>2 S<br>3 S<br>2-3 MS    |                          | 2-3 MP<br>1-2 R<br>2 MP<br>2 MP  |
| 54 | H0-421-2-1-1       | 1 R<br>1 R<br>1 R<br>1 R        |                          | 1 R<br>1 R<br>1 R<br>1 R         |



nt

|        | Crowley |        |           |
|--------|---------|--------|-----------|
| + H.O. | N.O.    | C.O.   |           |
| 2      | 1       | 1-2    |           |
| 2      | 1       | 1      |           |
| 2      | 1       | 1      |           |
| 2      | 1       | 1      |           |
| 1      | -       | 1      | Entglower |
| +      | -       | 1      |           |
|        | 0       | 2      |           |
|        | -       | 1      |           |
| 2      | 1       | 1      |           |
| 2      | -       | 1      |           |
|        | 1       | 1      |           |
|        | 1       | 1 (tr) |           |
|        | -       | 1      |           |
| - 2    | -       | 1      |           |
|        | 1       | 1      |           |
|        | 1       | 1      |           |
| 3      | -       | 1      |           |
|        | -       | 1      |           |
| 4      | 1       | 2      |           |
|        | 1       | 1      |           |
| 1      | 0       | 0      |           |
| 1      | -       | 1 (R)  |           |
| 1      | 0       | 1 (tr) |           |
| 1      | 0       | 1 (tr) |           |

IV

Pearson

|    |                          | 9-13   |      |     | Entry |   |
|----|--------------------------|--------|------|-----|-------|---|
|    |                          | N.O.   | P.O. |     |       |   |
| 61 | Caloro                   | 2 MS   | 2 MS | 2-3 |       |   |
|    |                          | 2-3    | 2 S  | 2-3 |       |   |
|    |                          | 2-3    | 1-2  | 2-3 | Jan   |   |
|    |                          | 3      | 1-2R | 3   |       | ✓ |
| 62 | Calrose                  | 2-3 MS | 2    | 2   | Jan   |   |
|    |                          | 2-3    | 1-2  | 1   |       | ✓ |
|    |                          | 2-3    | 2 S  | 2-3 | Jan   |   |
|    |                          | 2-3    | 2 S  | 3   |       | ✓ |
| 63 | Hyb. Mif. 11-<br>47-11-1 | 2 MS   | 1-2R | 1   |       |   |
|    |                          | 2      | 1    | 1   |       |   |
|    |                          | 2      | 1    | 1   | Jan   |   |
|    |                          | 2      | 1    | 1   |       |   |
| 64 | Ar Rose                  | 2-3 S  | 2 MS | 2   |       |   |
|    |                          | 2-3    | 2    | 2   |       |   |
|    |                          | 2-3    | 2    | 2   |       |   |
|    |                          | 2-3    | 2 S  | 2-3 |       |   |
| 65 | Kamrose                  | 2-3 S  | 1 MR | 1   |       |   |
|    |                          | 2-3    | 1    | 2   |       |   |
|    |                          | 3 S    | 1    | 2   |       |   |
|    |                          | 2-3 S  | 1    | 2   |       |   |
| 66 | Hyb. Mif. 12-<br>47-6    | 2 MS   | 1 R  | 1   |       |   |
|    |                          | 2 MS   | 1    | 1   |       |   |
|    |                          | 2      | 1    | 1   |       |   |
|    |                          | 2      | 1    | 1   |       |   |
| 67 | Blue Rose 41             | 3 S    | 2    | 2   |       |   |
|    |                          | 2-3 S  | 1    | 1   |       |   |
|    |                          | 2-3    | 2    | 1   |       |   |
|    |                          | 2      | 2 S  | 2   |       |   |
| 68 | B4559 A1-<br>102-2       | 3-4    | 1    | 1   |       |   |
|    |                          | 2-3 S  | 1    | 1   |       |   |
|    |                          | 2-3    | 2    | 1   |       |   |
|    |                          | 2-3 S  | 1    | 1   |       |   |



Cromley 8-20-54

H.O. C.O. W.T.

- 1 2

- 1 2

1 1

1 1 3

- 1 2

1 1 2-3

- 1

1-2 1 2

1 1

1 1 2-3

1 1 (2) 3

1 1

- 2 3

- 2 3

1 1 4

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1-2 1 2-3

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- 1 3

1 1

1 1

1 - 1 (atyp. cal)

- 1 1

1 1 1-2 atyp.

1 1

# Boomerang

|    |             | 9-13  |       |       |      |
|----|-------------|-------|-------|-------|------|
|    |             | NO    | CO    | Engl. |      |
| 69 | Blue Rose   | 2-3MS | 3MS   | 2-3   |      |
|    |             | 2-3   | 2S    | 2     |      |
|    |             | 2-3S  | 2S    | 2     |      |
|    |             | 2-3S  | 2-3S  | 2     |      |
| 70 | Ch-I-25-12  | 2MS   | 1R    | 3     |      |
|    |             | 2     | 1     | 1     |      |
|    |             | 2     | 1     | 2     |      |
|    |             | 2     | 1     | 2     |      |
| 71 | 54C4121     | 2-3MS | 2MS   | 2     |      |
|    |             | 2-3   | 1     | 2     |      |
|    | Imp. BRSEL  | 2-3   | 1     | 1     |      |
|    |             | 2     | 1-2   | 1-2   |      |
| 72 | Asahi       | 3-4S  | 1R    | 1     |      |
|    |             | 2-3   | 1     | 1     | Jan. |
|    |             | 2-3   | 1     | 1     |      |
|    |             | 2-3   | 1     | 1     |      |
| 73 | B49-508     | 3S    | 2MS   | 1     |      |
|    |             | 3S    | 2     | 1     |      |
|    |             | 3     | 2     | 1     |      |
|    |             | 2     | 3-4S  | 2     |      |
| 74 | Stg. 512252 | 2-3MS | 2MS   | 3-4   |      |
|    |             | 2MR   | 1-2   | 2     |      |
|    | Amrae Sel.  | 2     | 1     | 3     |      |
|    |             | 2     | 1-2MS | 3     |      |



Crown by 8-20

H.O. C.O. W.T.

|   |       |   |
|---|-------|---|
| - | 3-4   | 4 |
| - | 3 (S) | 4 |
| - | 3-4   | 3 |
| 1 | 2     | 2 |

|   |         |     |
|---|---------|-----|
| - | 2       | 4   |
| 0 | 2-3     | 4   |
| 0 | 2-3 (S) | 3-4 |
| 0 | 2       | 2   |

|   |   |           |
|---|---|-----------|
| 1 | 1 |           |
| 1 | 1 | 2         |
| 1 | 1 |           |
| 1 | 1 | 2 1/2 sp. |

|     |   |
|-----|---|
| 2   | 1 |
| 2-3 | 1 |
| 2   | 1 |
| 2-3 | 1 |

|   |   |       |
|---|---|-------|
| 1 | 1 | 3     |
| 1 | 2 | 3 (S) |
| 1 | 1 | 3     |
| 1 | 1 | 4     |

|   |   |
|---|---|
| - | 1 |
| - | 1 |
| 1 | 1 |
| 1 | 1 |

# Beaumont

V

|    |             | 9-13  |        |        |
|----|-------------|-------|--------|--------|
|    |             | NO    | P.O    | Entire |
| 81 | C4060       | 2 MS  | 2 MS   | 2-3    |
|    | 15/16 Ry    | 2     | 2      | 2      |
|    |             | 2     | 2      | 2      |
|    |             | 1-2   | 1-2 MS | 2-3    |
| 82 | TP-49       | 3 S   | 2 MR   | 1      |
|    |             | 1-2 S | 1-2 S  | 1      |
|    |             | 2-3 S | 2 MS   | 2      |
|    |             | 2 M   | 2 MR   | 1-2    |
| 83 | Rexoro      | 2-3   | 4 S    | 1      |
|    |             | 2     | 4 S    | 1      |
|    |             | 1-2   | 4-5 S  | 1      |
|    |             | 1-2   | 4 S    | 1      |
| 84 | C4180       | 2 S   | 3 S    | 2-3    |
|    | 15/16 Ry.   | 2-3   | 2 S    | 1      |
|    |             | 2     | 2 S    | 2      |
|    |             | 1-2   | 1      | 2      |
| 85 | B455A1--    | 3 S   | 3 S    | 1      |
|    | 12-1-1      | 2-3 S | 3 S    | 1      |
|    |             | 3     | 2 S    | 1      |
|    |             | 2-3   | 2 MS   | 1      |
| 86 | B4527A1-11  | 3 S   | 2      | 1      |
|    |             | 2     | 2 S    | 1      |
|    |             | 2     | 2-3 S  | 1      |
|    |             | 2     | 2 S    | 1      |
|    |             |       |        | nt     |
| 87 | C3-72-3     | 3 S   | 3 S    | 2      |
|    |             | 2 S   | 4-5 S  | 1      |
|    |             | 1-2   | 4-5 S  | 1      |
|    |             | 2     | 5 S    | 1      |
| 88 | Texas Patna | 2     | 5 S    | 1      |
|    | Sel. A      | 2     | 4-5 S  | 1      |
|    |             | 1-2   | 5 S    | 1      |
|    |             | 1-2   | 4-5    | 1      |



Crowley

9-1-54

N.O C.O.

0 1(tr)

0 1-2

1 1-2

0 2

1(tr) 0

1(tr) 1

1 1(tr)

1 1

1(tr) 1

1(tr) 1-2(S)

1 1-2

1 1-2

0 1

0 1-2

0 1

1(tr) 1-2

1 1

1(tr) 1-2

1 1-2

1 1

No Leaf Smt

1(tr) 0

1(tr) 1

0 1

0 1

0 2

0 1-2

1 2

0 2

1 1

1 1

1 1-2

1 1-2

## Brewer

|    |            | 9-13  |       |        |
|----|------------|-------|-------|--------|
|    |            | N.O   | P.O   | entire |
| 89 | B4524A1-4  | 2-3MS | 3MS   | 2      |
|    |            | 2     | 3S    | 1      |
|    |            | 2-3   | 3S    | 2      |
|    |            | 2-3   | 2S    | 2      |
| 90 | PI-8143    | 3S    | 3S    | 1      |
|    | Rx10       | 2     | 3-4S  | 1      |
|    |            | 2MS   | 3-4S  | 1      |
|    |            | 2     | 4S    | 1      |
| 91 | B4527A1-48 | 2-3   | 4S    | 1      |
|    |            | 2     | 3-4S  | 1      |
|    |            | 2     | 3-4S  | 1      |
|    |            | 1-2   | 2-3MS | 1      |
| 92 | 45C554     | 2-3S  | 1R    | 1      |
|    |            | 2-3   | 1R    | 2      |
|    |            | 2-3   | 1R    | 1      |
|    |            | 2-3   | 1     | 1      |
| 93 | 53C4120    | 1-2MR | 2MS   | 3      |
|    |            | 1-2   | 1-2   | 2      |
|    |            | 1-2   | 1     | 2-3    |
|    |            | 1-2   | 1     | 2-3    |
| 94 | 53C88      | 2-3MS | 2MS   | 3      |
|    | 15/16 Ry   | 2-3MS | 1     | 2      |
|    |            | 1-2   | 1     | 3      |
|    |            | 2     | 2S    | 3      |

Sgt  
5/11/11



Crowley

9-1-54

No. C.O.

1 (tr) 1

1 (tr) 1

1 1

0 1

1 1 (tr)

1 0

1 1

1 1

1 (tr) 1 (tr)

0 1-2 (S)

0 1

0 1-2

1 1 (tr)

1 1

1 1-2

1 2

1 (tr) 1

1 (tr) 1-2 (S)

1 (tr) 1-2

0 1-2

0 1 (tr)

1 (tr) 1-2

1 1

1 1-2







Single Plot Variety Test.  
105 Varieties - Beaumont.

| Plot                                                | 9-13 | 8-11-54                           | 9-8                     |
|-----------------------------------------------------|------|-----------------------------------|-------------------------|
| 96/101<br>CI 9109.<br>B4512 A1-4<br>Hill Sel x B.H. |      | H.O C.O<br>4 S                    | C.O.<br>4-5             |
| 97/102<br>C                                         |      | 2 MS 15                           | 4-5                     |
| 98/103<br>CI 9122<br>B4512 A1-32<br>Hill Sel x B.H. |      | 2 MS 15                           | 4-5                     |
| 99/104<br>CI 9123<br>B4515 A1-16<br>Hill Sel x R-N  |      | 3 S 15                            | 4-5                     |
| 100/105<br>CI 9263<br>Hill Sel x Rexant             |      | 3 MS                              | 2-3 MR<br>H.O.<br>misp. |
| 101/106<br>CI 9226<br>Hill Sel x Rexant             |      | 4 VS 15<br>H.O. misp              | 2 MR                    |
| 102/107<br>CI 9139<br>Hill Sel x B.H.               |      | 2 MS 15                           | —                       |
| 103/201<br>CI 9143<br>Hill Sel x R-N                |      | 2-3 MS 15<br>2-3 3 S<br>Ritglon — | 3 S<br>3-4              |
| 104/202<br>CI 9227<br>Hill Sel x B.H. L. smt        |      | 2 MS<br>t-34 MS                   | 1-2 MR<br>H.O.          |



|                   | 8-11-54        | 9-8         |     |
|-------------------|----------------|-------------|-----|
|                   | H.O. C.D       | C.O. H.O.   |     |
| 105/203           | 2 S            | 3 S 2 MS    |     |
| Edith             |                |             |     |
| CI 2127           | 3-4 (A.S.) Ent | Yona        | 3-  |
| 06/204            | 2 S            | 3-4 S 2 MS  |     |
| Redy Knight       |                | 4- L. Smut. | 4   |
| Sel. CI 9053      |                |             |     |
| 07/205            | 1-2 MP         | 2 MP 1-2 MP | 3-  |
| CI 9157           |                |             |     |
| Will Sel x Return | L. Smut - 3    |             |     |
| 08/206            | 2-3 S          | 1-2 A 3 MS  | 5   |
| CI 9158           |                |             |     |
| Will Sel x        | L. Smut - 4    |             |     |
| P x P. SBR)       |                |             |     |
| 09/207            | 3-4 S          | 3-4 S 4 S   | 4 S |
| CI 9154           |                |             |     |
| Will Sel x B.L.   |                |             |     |
|                   |                | 9-1 3-54    |     |
| 10/301            | 3 S            | 3 MS 3      | 3   |
|                   |                |             |     |
| 11/302            | 3 S            | 3 MS        | 3   |
|                   |                |             |     |
| 12/303            | 3 S            | 3 MS        | 8   |
|                   |                |             |     |
| 13/304            | 2-3 S          | 3 MS        | 5   |

|                                                     |                            |                           |           |
|-----------------------------------------------------|----------------------------|---------------------------|-----------|
| 114/305                                             | 9-13-54<br>Jorge<br>Patino | 8-11-54<br>H.O C.O<br>3 S | Enty<br>3 |
| 115/306<br>S 417A3<br>CI 9155, Mo. R-500            |                            | 4 S 3                     | 3         |
| 116/107<br>CI 9156<br>Caloro x Caloro<br>(cal 231A) |                            | 2 MS 2                    | 1         |
| 117/108<br>CI 9228<br>Sm BR. BR 41 X 8323           |                            | 3 S<br>3 1                | 2-3       |
| 118/109<br>CI 9229<br>Will sel x Rexar              |                            | 2-3 S<br>- 4 S            | 4         |
| 119/110<br>Hulls free 2<br>Jorge - Bright           |                            | 2 MR<br>2-3 1-2R          | 3-4       |
| 120/111<br>Callant 3 ms. Head<br>Bright             |                            | 1-2 MR<br>3 S 1-2R        | 3         |
| 121/112<br>Callant 3 ms. Head<br>Bright             |                            | 2 MS<br>3 S 1-2R          | 2         |
| 122/113<br>3 ms. Head<br>Bright                     |                            | 2-3 S<br>3 S 1-2R         | 3         |



|                | 8-11              |      |       |  |
|----------------|-------------------|------|-------|--|
|                | N.O.              | C.O. | Entyl |  |
| 123/114        | 2 MS              |      |       |  |
| 124/208        | 3-4s              | 1-2R | 2     |  |
| Head Rhyt      |                   |      |       |  |
| 24/208         | 1-2 MP            |      |       |  |
| Some Juv.      | 2 MP              | 1 R  | 1     |  |
| Head Rhyt      |                   |      |       |  |
| 25/209         | 2 R               |      |       |  |
| 3 Rhyt Juv     | 2 R               | 1 R  | 0 R   |  |
| Head Rhyt      | spate<br>small    |      |       |  |
| 26/210         | 2 MP              |      |       |  |
| 8 Rhyt Juv     | 2-3 MP            | 1 R  | 0     |  |
| Head Rhyt      |                   |      |       |  |
| 7/211          | 2 MP              |      |       |  |
| Date           | 1-2 MP            | 0    | 0     |  |
| spate<br>small |                   |      |       |  |
| 8/212          | 2 MS              |      |       |  |
| Date           | 2-3 MS            | 1 MP | 0     |  |
| 9/213          | 3 S               |      |       |  |
| odoros         | 3 S               | 3 S  | 3-4   |  |
| CI-1643        |                   |      |       |  |
| 10/214         | 2-3 S             |      |       |  |
| 9231           | 3                 | 2 MP | 3     |  |
| 326X8323-Z     |                   |      |       |  |
| 118-124        | showing broadness |      |       |  |
| phenolopent    | + some phoid      |      |       |  |

|                                                                                    |             |                                        |                         |                                        |
|------------------------------------------------------------------------------------|-------------|----------------------------------------|-------------------------|----------------------------------------|
| <p>131/308<br/>CI 9232<br/>Hill Med. Sal.</p>                                      | <p>9-13</p> | <p>8-11<br/>11.0<br/>2-3MS<br/>3MS</p> | <p>9<br/>C.O<br/>1P</p> | <p>Antif<br/>3</p>                     |
| <p>132/309<br/>CI-5094</p>                                                         |             | <p>3S<br/>3S</p>                       | <p>1P</p>               | <p>3-4</p>                             |
| <p>133/310<br/>CI 9233<br/>Century Rogue</p>                                       |             | <p>2MR<br/>2</p>                       | <p>1-2P</p>             | <p>4</p>                               |
| <p>134/311<br/>CI 9052<br/>Hill Patma</p>                                          |             | <p>2-3MS<br/>2</p>                     | <p>Sheet Sp<br/>3S</p>  | <p>2</p>                               |
| <p>35/312<br/>Century Patma<br/>231</p>                                            |             | <p>2MS<br/>2</p>                       | <p>2MR</p>              | <p>4</p>                               |
| <p>36/313<br/>CI 9234<br/>Hill Med. Rogue</p>                                      |             | <p>2-3MS<br/>1-3</p>                   | <p>2MR</p>              | <p>4-5</p>                             |
| <p>37/314<br/>B49-3896<br/>Century Rogue<br/>CI 9235</p>                           |             | <p>1-2MR<br/>2MR</p>                   | <p>1-2MR</p>            | <p>3</p>                               |
| <p>138/115<br/>CI 9236<br/>Early Blt. Sal.<br/>Stem Rot in Sheet<br/>Harvested</p> |             | <p>2-3S</p>                            | <p>2MS<br/>2-3</p>      | <p>3S<br/>3-4<br/>+ some<br/>Culms</p> |



|             |         |                      |  |  | 9-7   |       |       |
|-------------|---------|----------------------|--|--|-------|-------|-------|
|             |         |                      |  |  | H.O.  | CO.   | NO    |
| 39/116      | CI 9237 | TP 49 X (TP X R-SBR) |  |  | 3-4 S | 2MS   | 4 S   |
| 40/117      | CI 9238 | TP 49 X R-N          |  |  | 4 S   | 1R    | 3-4 S |
| 41/118      | CI 9239 | TP 49 X Hill Med.    |  |  | 3-4 S | 4 S   | 3-4 S |
| 42/119      | CI 9240 | TP 49 X Hill Med.    |  |  | 3 S   | 1 S   | 3 S   |
| 43/120      |         |                      |  |  | 1-R   | 1R    | 1R    |
| 44/121      |         |                      |  |  | 2MR   | 1R    | 1R    |
|             |         |                      |  |  | 1R    | 1R    | 1R    |
| Done 90     |         |                      |  |  |       |       |       |
| Panel Smt - |         |                      |  |  |       |       |       |
| 45/215      | CI 9241 | Inting 234-2-1       |  |  | 2MS   | WT.   | 2MS   |
|             |         |                      |  |  |       | 1-2MS |       |
|             |         |                      |  |  | 2MS   | 1-2MR | 2-    |
| 46/216      | CI 9242 | NO 341-1.1-1         |  |  | 1R    | 1-2MR | 1R    |
|             |         | TP X B38/2A          |  |  |       |       | 2     |

|                                                  | 9-13          | 8-11-5/9-7           |                |            |
|--------------------------------------------------|---------------|----------------------|----------------|------------|
| 147/217<br>CI 9243<br>HO 116-1-1-1<br>TPX B38/2A | 1 smut<br>1-2 | HO<br>1R<br>Smut 1/2 | CO<br>1R       | HO<br>1-2R |
| 148/218                                          | 1-2           | 1R                   | 1R             | 2 MR       |
|                                                  | Fair 90 smut  |                      |                |            |
| 149/219<br>CI 9244<br>Hill Sel X Bbt.            | 1             | 2 MR                 | 2-35           | 2 MR       |
| 150/220<br>CI 9245<br>Hill Sel X Bbt.            | 1             | 2 MS                 | 3-4<br>35      | 2 MS       |
| 151/221                                          | 1             | 2 MS                 | 3-4<br>35      | 2 MS       |
| 152/315<br>CI 9246<br>Bbt. X (TPXR-5 BR)         | 3             | 2 MS                 | 2-5            | 2 MS       |
| 153/316<br>CI 9140<br>Bbt. X X-R                 | 1+2           | 1 R<br>1R            | 1R<br>2 MR     | 1-2 R      |
| 154/317<br>CI 9247<br>Bbt. X (TPXR-5 BR)         | 3             | 2-3 MS<br>2-3        | 2-3 MS<br>3 MS | 22 MS      |



9-13

|                                     | 8-11        | 9-7          |
|-------------------------------------|-------------|--------------|
| L. Smt NO.                          | C.O.        | C.O. NO.     |
| 55/318<br>I 9248<br>61X<br>TPXRSBR) | 2 MS        | 2 MP 3 MS    |
| 3 4                                 | 3 MS 3 MS   |              |
| 56/319                              | 2 MS        | 1-2 R 2-3 MS |
| 1                                   | 2-3         | 1-PP         |
| 57/320                              | 3 MS        | 1-PP 2-3 MS  |
| I 9135 3                            | 3 1P        |              |
| P49X<br>TPXRSBR)                    |             |              |
| 58/321                              | 2-3 MS      | 2 MP 3 S     |
| I 9249 2-3                          | 3 2 MP      |              |
| 45-2379                             | 9-13-54     |              |
| 59/122                              | 2-3 MS C.O. | NO. Entyl    |
| I 9250                              | 1-2 R 3     | 2            |
| From 70 Smt                         |             |              |
| 61X Sel                             |             |              |
| 345-2379-6-1-1-2                    |             |              |
| 0/123                               | 2-3 MS      |              |
| I 9251                              |             |              |
| 4 MP Sel                            | 2 MP 3      | 2            |
| 47-3054                             |             |              |
| 1/124                               | 2-3 S       |              |
| 78629. China                        | 1 P         | 3 S 1        |
| Mod. Jus.                           |             |              |
| Kool Blight                         |             |              |
| 2/125                               | 3 MS        |              |
| I 9145                              | 1 P         | 3 S 1        |
| 47-4399-7-1                         |             |              |
| Late                                |             |              |
| 3/126                               | 3 MS        |              |
| Late                                | 1 P         | 3 S 1        |

|                                            |                                                 |         |
|--------------------------------------------|-------------------------------------------------|---------|
| 164/127<br>CI 9252<br>Rx CI 7687           | 8-1154<br>9-13<br>110 C.O<br>3 MS<br>2-3 1 R 1. | Endogen |
| 165/128<br>CI 9152<br>Caloro XR Late       | 4 MS<br>3 MS 1 R 1                              |         |
| 166/222<br>CI 9153<br>Caloro XR            | 2 S                                             |         |
| 167/223<br>CI 9118<br>TPXR-7689            | 3 S                                             |         |
| 168/224<br>CI 9253<br>TPXR-7689            | 2-3 MS                                          |         |
| 169/225<br>CI 9254<br>TP49X(TPXR-SBR)      | 2 MS                                            |         |
| 170/226<br>CI 9255<br>R-7689 XRN           | 2 MS                                            |         |
| 171/227<br>CI 9256<br>R-7689 XTP49         | 3 S<br>W.T.                                     |         |
| 172/228<br>CI 9257<br>Kearney S. Heng Sel. | 3 S                                             |         |



|        |  |         |  |  |
|--------|--|---------|--|--|
|        |  | 8-11-54 |  |  |
|        |  | H.O C.D |  |  |
| 73/322 |  | 2-3S    |  |  |
| 29258  |  |         |  |  |
|        |  |         |  |  |
| 4/323  |  | 1-24R   |  |  |
|        |  |         |  |  |
| 5/324  |  | 3S      |  |  |
|        |  |         |  |  |
| 6/325  |  | 2S      |  |  |
|        |  |         |  |  |
| 7/326  |  | 2-3S    |  |  |
|        |  |         |  |  |
| 8/327  |  | 2-3MS   |  |  |
|        |  |         |  |  |
| 9/328  |  | 2MS     |  |  |
|        |  |         |  |  |
| 10/129 |  | 3S      |  |  |

88

|         |                               |
|---------|-------------------------------|
| 181/130 | 8-11-54<br>H.O. C.D.<br>2-3MS |
|---------|-------------------------------|

|         |       |
|---------|-------|
| 182/131 | 3S 2S |
|---------|-------|

|         |    |
|---------|----|
| 183/132 | 3S |
|---------|----|

|         |    |
|---------|----|
| 184/133 | 3S |
|---------|----|

|         |       |
|---------|-------|
| 185/134 | 2-3MS |
|---------|-------|

|         |       |
|---------|-------|
| 186/135 | 2-3MS |
|---------|-------|

|         |    |
|---------|----|
| 187/229 | 2S |
|---------|----|

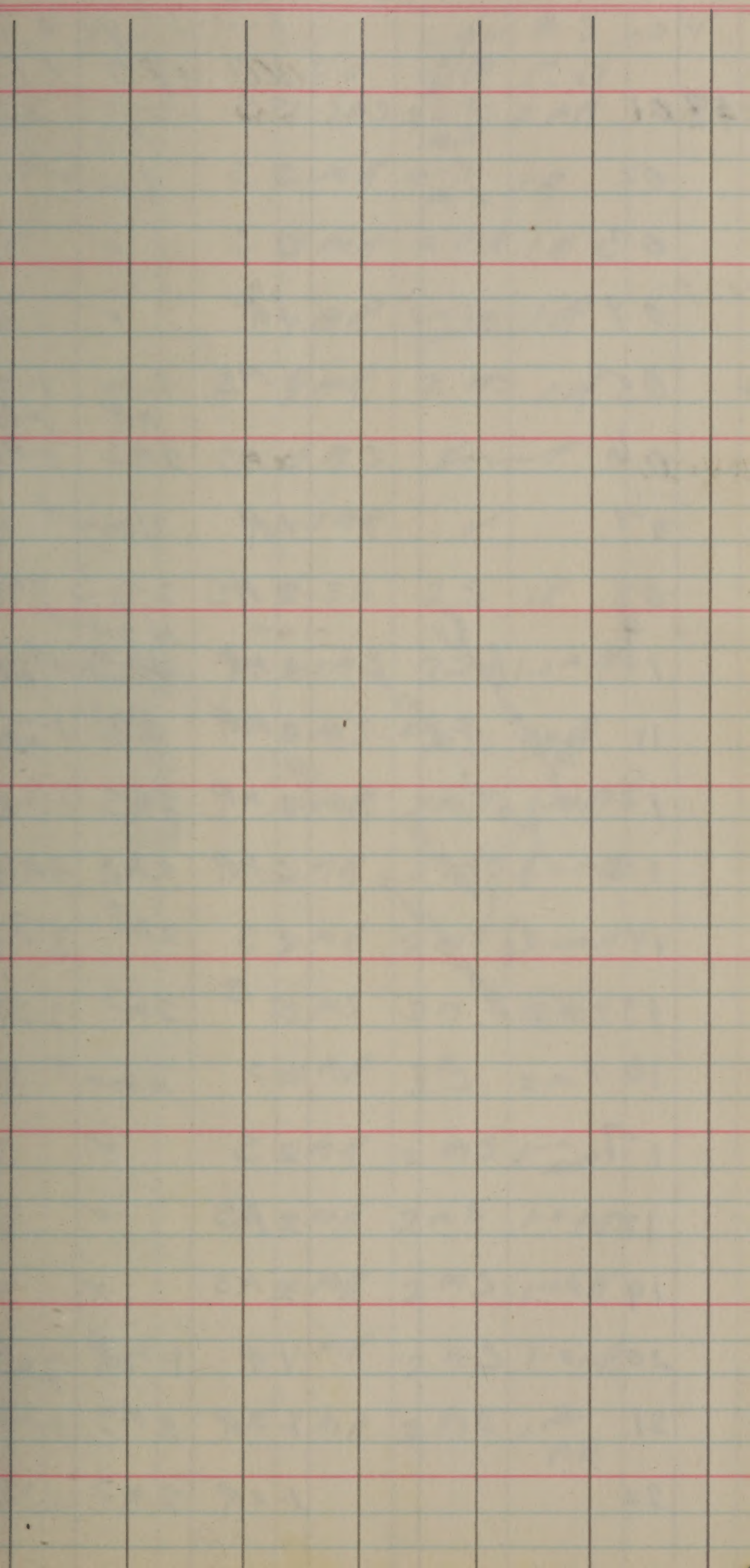
|         |     |
|---------|-----|
| 188/230 | 2MS |
|---------|-----|



|         |                               |
|---------|-------------------------------|
| 189/231 | 8-11-54<br>H.O. C.O<br>1-2 MR |
| 190/232 | 1-2 MR                        |
| 191/233 | 2 S                           |
| 192/234 | 2 MS                          |
| 193/235 | 2 MS                          |
| 194/329 | 2 MS                          |
| 195/330 | 2-3 S                         |
| 196/331 | 3 S                           |

|         |                    |    |  |
|---------|--------------------|----|--|
| 197/332 | H.O. C.O.<br>1-27P |    |  |
| 198/333 | 2MP                |    |  |
| 199/334 | 2MS                |    |  |
| 200/335 | 2MS                | 13 |  |





World Collection  
cont. - 5971-6504

|      |  |  | 8-11-54 | 9-23             |
|------|--|--|---------|------------------|
| 5901 |  |  | NO      | NO C.O           |
|      |  |  | 3S      | 2-3 3S<br>MS     |
| 02   |  |  | 3S      | Harant           |
| 03   |  |  | 3S      | ✓                |
| 04   |  |  | 1R      | ✓                |
| 05   |  |  | 2MS     | 1-2 1-2<br>MR MR |
| 06   |  |  | 2MS     | 2MS 3-4S         |
| 07   |  |  | 1R      | Harant           |
| 08   |  |  | 2MS     | 2-3 S 2MR        |
| 9    |  |  | -       | Harant           |
| 10   |  |  | 2MR     | 2MS 1-2 MR       |
| 11   |  |  | 2MR     | 2S 1-2 MR        |
| 12   |  |  | 2MR     | 2MS 1-2R         |
| 13   |  |  | 2MR     | 2MR 2MS          |
| 14   |  |  | 2S      | 2MS 3S           |
| 15   |  |  | 2S      | 2MS 3S           |
| 16   |  |  | 2S      | Harant           |
| 17   |  |  | 2S      | ✓                |
| 18   |  |  | 2MS     | ✓                |
| 19   |  |  | 2MS     | ✓                |
| 20   |  |  | 1R      | 1-2MR 2MS        |
| 21   |  |  | 1-2R    | 2MS 1-2MR        |
| 22   |  |  | 1-2R    | 2MS 1-2R         |

graduate  
from work  
of those  
now.



|   |  |       |           | 9-    | 23 | -54 |
|---|--|-------|-----------|-------|----|-----|
|   |  | N.O.  | N.O.      | C.O.  |    |     |
| 3 |  | 2-3MS | 2-3<br>MS | 2MP   |    |     |
| 4 |  | 2MP   | 2-3<br>MS | 1P    |    |     |
| 5 |  | 1MP   | 2MP       | 1P    |    |     |
| 6 |  | 1MP   | 2-3S      | 1P    |    |     |
| 7 |  | 2MP   | 2MS       | 1P    |    |     |
| 8 |  | 2MS   | Howt      |       |    |     |
| 9 |  | 1-2MP | ✓         |       |    |     |
| 0 |  | 2-3S  | 1S        | 1P    |    |     |
| 1 |  | 1-2MS | 3S        | 1-2MP |    |     |
| 2 |  | 2MS   | 2-3<br>MS | 2MP   |    |     |
| 3 |  | 2MP   | 2MS       | 2MP   |    |     |
| 4 |  | 2MP   | 2MS       | 1-2MP |    |     |
| 5 |  | 2MP   | 2MS       | 1-2MP |    |     |
| 6 |  | 2MS   | 2MS       | 2MS   |    |     |
| 7 |  | 2MP   | 3MS       | 2MS   |    |     |
| 8 |  | 2MP   | 2MS       | 1-2MP |    |     |
| 9 |  | 2MP   | 2MS       | 1-2MP |    |     |
| 0 |  | 2MP   | 2MS       | 1-2MP |    |     |
| 1 |  | 1MP   | 2MS       | 1-2MP |    |     |
| 2 |  | 1MP   | 2MS       | 1-2MP |    |     |

World Collector - Beaumont  
8-26

|   |    | N.O.   | C.O. |          |
|---|----|--------|------|----------|
| 9 | 23 | 2 AS   |      | Jess (N) |
|   | 24 | 2 MS   |      |          |
|   | 25 | 2 MR   |      |          |
|   | 26 | 2 MR   |      |          |
|   | 27 | 2 MS   |      |          |
|   | 28 | 2-3 MS |      |          |
|   | 29 | 2 MR   |      | Jess (N) |
|   | 30 | 2-3 AS |      |          |
|   | 31 | 2 MR   |      |          |
|   | 32 | 1-2 MR |      |          |
|   | 33 | 1-2 MR |      |          |
|   | 34 | 1-2 R  |      |          |
|   | 35 | 2 MR   |      |          |
|   | 36 | 2 MS   |      |          |
|   | 37 | 2 AS   |      |          |
|   | 38 | 2 MR   |      |          |
|   | 39 | 2 MR   |      |          |
|   | 40 | 2 MR   |      |          |
|   | 41 | 1-2 MR |      |          |
|   | 42 | 1-2 MR |      |          |
| 9 | 43 | 2 MS   |      |          |
|   | 44 | 2 MS   |      |          |
|   | 45 | 1-2 MR |      |          |
|   | 46 | 1-2 MR |      |          |
|   | 47 | 1-2 R  |      |          |
|   | 48 | 1-2 MR |      |          |
|   | 49 | 1-2 MR |      |          |
|   | 50 | 2 MR   |      |          |
|   | 51 | 2 MS   |      |          |
|   | 52 | 2 AS   |      |          |
|   | 53 | 2-3 AS |      |          |



|          |       |
|----------|-------|
| 9+23     |       |
| H.O. C.O |       |
| 3S       | 1-2MR |
| 3S       | 1-2MR |
| 2MS      | 1-2MR |
| 2MS      | 2-3MS |
| 2MS      | 1-2MR |
| 2MS      | 1-2MR |
| 2-3      | 2MS   |
| MS       |       |
| 2-3      | 2MR   |
| MS       |       |
| 2-3      | 1-2   |
| MS       | MR    |
| 2-3      | 2     |
| MS       | MS    |
| 2-3      | 1-2   |

|    |    |                   |   |
|----|----|-------------------|---|
|    |    | 8-26              |   |
|    |    | H.O. C.O.         |   |
| 59 | 54 | 1-2 MR            |   |
|    | 55 | 2-3 MS            | 1 |
|    | 56 | 2 MS              |   |
|    | 57 | 2 MS              |   |
|    | 58 | 1-2 MR            |   |
|    | 59 | 1-2 MR            |   |
|    | 60 | 2 MR              |   |
|    | 61 | 2 MR              |   |
|    | 62 | 2 MR              |   |
|    | 63 | 2 MR              |   |
|    | 64 | 2 MR              |   |
|    | 65 | 1-2 R             |   |
|    | 66 | 1-2 R             |   |
|    | 67 | 1-2 R             |   |
|    | 68 | 2 <sup>3</sup> MS |   |
|    | 69 | 2 MR              |   |
|    | 70 | 2 MR              |   |
|    | 71 | 3 MS              |   |
|    | 72 | 3 MS              |   |
|    | 73 | 3 MS              |   |
|    | 74 | 2-3 MS            |   |



|           |  |
|-----------|--|
| 9-23      |  |
| 116 C.O.  |  |
| 2-3 2MP   |  |
| MS        |  |
| 2MS 2MS   |  |
| 2-3 2MS   |  |
| MS        |  |
| 2MS 1-2MP |  |
| 2MS 1-2MP |  |
| 2MS 2MS   |  |
| 2MS 1-2MP |  |
| 2MS 1-2MP |  |

Heart

✓

|             |  |
|-------------|--|
| 2MS 1-2MP   |  |
| 2MS 1-2MP   |  |
| 2MS 1-2MP   |  |
| 2MS 1-2MP   |  |
| 2-3MS 1-2MP |  |
| 2-3MS 1-2MP |  |
| 2-3MS 1-2MP |  |
| 2-3MS 1-2MP |  |
| 2-3MS 1-2MP |  |

Heart

|        |  |
|--------|--|
| 2-3 1R |  |
| MS     |  |
| 2MS 1R |  |
| 2MS 1R |  |

Tall, late

✓

✓

✓

✓

# 6-Row Breeding Nursery Beaumont

| No.           | seed<br>order | 8-25-54 | H.O C.O     | Mat. |
|---------------|---------------|---------|-------------|------|
| 601 -         | 101           | 3-4     | S           |      |
| B53-2001      |               |         |             |      |
| 602 -         | 102           | 3-4     | S           |      |
| B53-2009      |               |         |             |      |
| 603 -         | 103           | 2-3     | Jus - stems |      |
| B4564A2-12-   |               | MS      | Bovs        |      |
| 2-1-1,        |               |         |             |      |
| Bruni sel x 2 |               |         |             |      |
| 604 -         | 104           | 1-2     | MR          |      |
| B53-2857      |               |         |             |      |
| Bruni sel x   |               |         |             |      |
| 2             |               |         |             |      |
| 605 -         | 105           | 1-2     | MR          |      |
| B53-2465      |               |         |             |      |
| Zemith sel.   |               |         |             |      |
| (Shut)        |               |         |             |      |
| 606 -         | 106           | 1-2     | MS          |      |
| B53-2887      |               |         |             |      |
| Zemith Sel.   |               |         |             |      |
| 607 -         | 107           | 1 (R)   |             |      |
| B53-2914      |               |         |             |      |
| Zemith sel.   |               |         |             |      |
| (Shut.)       |               |         |             |      |



|      |    |       |
|------|----|-------|
| 9-15 |    |       |
| H.O. | CO | entyl |
| 3    | 35 | 1     |

|   |    |   |
|---|----|---|
| 3 | 35 | 2 |
|---|----|---|

|   |     |     |
|---|-----|-----|
| 2 | 2MR | 2-3 |
|---|-----|-----|

|     |    |     |
|-----|----|-----|
| 2MR | 2P | 2-3 |
|-----|----|-----|

|     |     |     |
|-----|-----|-----|
| 2MR | 2MR | 2-3 |
|-----|-----|-----|

|     |     |     |
|-----|-----|-----|
| 2MR | 2MS | 2-3 |
|-----|-----|-----|

|    |     |   |
|----|-----|---|
| 1R | 1MR | 1 |
|----|-----|---|

|     |                      |     |           |          |
|-----|----------------------|-----|-----------|----------|
|     |                      |     | 8-25 JK   |          |
|     |                      |     | H.O. C.O  |          |
| 608 | B4311A1-15-<br>2-1-1 | 201 | 2-3<br>MS |          |
|     | late                 |     |           |          |
| 609 | B4311A2-23-1-1       | 202 | 2-3<br>MS |          |
| 610 | B4564A2-11-<br>4-1-1 | 203 | 2-3<br>MS |          |
| 611 |                      | 204 | 1-2<br>MR |          |
| 612 |                      | 205 | 2<br>MS   | for 45th |
| 613 |                      | 206 | 2<br>MS   |          |
| 614 |                      | 207 | 2<br>MS   |          |
| 615 |                      | 301 | 2-3<br>MS |          |
| 616 |                      | 302 | 2-3<br>MS | 1        |



| 9-15 | NO. CO. | Entry | Heck |
|------|---------|-------|------|
| 2MP  | 1-25    | 1     | -    |

|      |           |   |          |
|------|-----------|---|----------|
| 2 MP | 2-3<br>MS | 3 | 2<br>gas |
|------|-----------|---|----------|

|     |           |     |   |
|-----|-----------|-----|---|
| 2MP | 2-3<br>MS | 3-4 | - |
|-----|-----------|-----|---|

|        |         |   |  |
|--------|---------|---|--|
| 1-2 MP | 2<br>MS | 1 |  |
|--------|---------|---|--|

|         |     |     |          |
|---------|-----|-----|----------|
| 2<br>MS | 1 A | 1-2 | 1<br>gas |
|---------|-----|-----|----------|

|         |         |     |  |
|---------|---------|-----|--|
| 2<br>MS | 2<br>MS | 2-3 |  |
|---------|---------|-----|--|

|         |         |     |  |
|---------|---------|-----|--|
| 2<br>MS | 2<br>MS | 2-3 |  |
|---------|---------|-----|--|

|           |    |   |  |
|-----------|----|---|--|
| 2-3<br>MS | 3S | 3 |  |
|-----------|----|---|--|

|   |         |   |  |
|---|---------|---|--|
| 2 | 2<br>MP | 2 |  |
|---|---------|---|--|

|     |                          |            |  |
|-----|--------------------------|------------|--|
|     |                          | 8-28       |  |
|     |                          | 11.0. C.O. |  |
| 617 | 303                      | 2-3<br>MS  |  |
|     | <del>part material</del> |            |  |
| 618 | 304                      | 1<br>MR    |  |
| 619 | 305                      | 1-2<br>MR  |  |
| 620 | 306                      | 1-2<br>MS  |  |
| 621 | 307                      | 2<br>MS    |  |
| 622 | 401                      | 2<br>MS    |  |
| 623 | 402                      | 3<br>MS    |  |
| 624 | 403                      | 1 R        |  |



| NO.           | 9-15-5<br>C.O | Enty<br>2-3 | Heck |  |  |  |  |  |  |
|---------------|---------------|-------------|------|--|--|--|--|--|--|
| 2<br>MS       | 33            | 2-3         |      |  |  |  |  |  |  |
| 1 R           | 1<br>MR       | 1           |      |  |  |  |  |  |  |
| 1<br>MR       | 1 R           | 2           |      |  |  |  |  |  |  |
| 2<br>MS       | 2<br>MS       | 3           |      |  |  |  |  |  |  |
| 3 S<br>nature | 2-3<br>MS     | 2-3         |      |  |  |  |  |  |  |
| 2<br>MS       | 3-4<br>S      | 2-          |      |  |  |  |  |  |  |
| 2-3<br>MS     | 2-3<br>MS     | 3           |      |  |  |  |  |  |  |
| 1-2<br>MS     | 2<br>MS       | 3           |      |  |  |  |  |  |  |

|     |                                        |     |                   |
|-----|----------------------------------------|-----|-------------------|
| 125 |                                        | 404 | 110.<br>2-3<br>MS |
| 126 |                                        | 405 | 2-3<br>MS         |
| 127 | B4515A1-<br>43-2-1<br>Hill Sel XPN     | 406 | 2-3<br>MS         |
| 128 | B4515A1-43-<br>2-1<br>Hill Sel X<br>PN | 407 | 2-3<br>MS         |
| 129 |                                        | 501 | 2<br>MS           |
| 130 |                                        | 502 | 2-3<br>MS         |
| 131 |                                        | 503 | 2-3<br>MS         |
| 132 |                                        | 504 | 2<br>MS           |



| NO        | P.O       | Edge | Heads |
|-----------|-----------|------|-------|
| 2-3<br>MS | 2-3<br>MS | 2-3  |       |

|         |           |     |  |
|---------|-----------|-----|--|
| 2<br>MS | 2-3<br>MS | 4-5 |  |
|---------|-----------|-----|--|

|         |          |   |  |
|---------|----------|---|--|
| 2<br>MS | 3-4<br>S | 4 |  |
|---------|----------|---|--|

|         |    |   |  |
|---------|----|---|--|
| 2<br>MS | 3S | 3 |  |
|---------|----|---|--|

|         |         |     |  |
|---------|---------|-----|--|
| 2<br>MP | 2<br>MP | 1-2 |  |
|---------|---------|-----|--|

|           |         |   |  |
|-----------|---------|---|--|
| 2-3<br>MS | 2<br>MS | 3 |  |
|-----------|---------|---|--|

|           |         |   |  |
|-----------|---------|---|--|
| 2-3<br>MS | 3<br>MS | 4 |  |
|-----------|---------|---|--|

|         |         |   |  |
|---------|---------|---|--|
| 2<br>MS | 2<br>MS | 3 |  |
|---------|---------|---|--|

|     |                           |     |                   |     |
|-----|---------------------------|-----|-------------------|-----|
| 633 | B50-4401<br>Cont. 234 sel | 505 | 11/10,<br>2<br>MS |     |
| 634 |                           | 506 | 2-3<br>MS         |     |
| 635 |                           | 507 | 2-3<br>MS         |     |
| 636 |                           | 601 | 3 (S)             |     |
| 637 |                           | 602 | 3 S               |     |
| 638 |                           | 603 | 2<br>MA           | kt1 |
| 639 |                           | 604 | 2<br>MR           |     |
| 640 |                           | 605 | 2<br>MR           |     |



|           |                         |          |      |  |  |  |  |
|-----------|-------------------------|----------|------|--|--|--|--|
| 110<br>35 | 9-11<br>PO<br>2-3<br>MS | 5-6<br>3 | Hand |  |  |  |  |
| 2-3<br>MS | 2<br>MP                 | 3        |      |  |  |  |  |
| 2-3<br>MS | 2-3<br>MS               | 2-3      |      |  |  |  |  |
| 2-3<br>MS | 2-3<br>MS               | 2-3      |      |  |  |  |  |
| 2-3<br>MS | 2-3<br>MS               | 2-3      |      |  |  |  |  |
| 2-3<br>MS | 2-3<br>MS               | 2-3      |      |  |  |  |  |
| 2-3<br>MS | 2-3<br>MS               | 3        |      |  |  |  |  |
| 2-3<br>MS | 2-3<br>MP               | 2        |      |  |  |  |  |
| 2<br>MP   | 2<br>MP                 | 3        |      |  |  |  |  |

|     |     |     |          |   |
|-----|-----|-----|----------|---|
|     |     |     | 8-25     |   |
|     |     |     | H.D. C.D |   |
| 641 | 606 | 2   |          |   |
|     |     | MR  |          |   |
| 642 | 607 | 1   |          |   |
|     |     | R   |          |   |
| 643 | 701 | 1R  |          |   |
| 644 | 702 | 2   |          |   |
|     |     | MS  |          |   |
| 645 | 703 | 2-3 |          |   |
|     |     | MS  |          |   |
| 646 | 704 | 2   |          |   |
|     |     | MS  |          |   |
| 647 | 705 | 3   |          |   |
|     |     | MS  |          |   |
| 648 | 706 | 3   |          |   |
|     |     | MS  |          |   |
| 649 | 707 | 2-3 |          | 1 |
|     |     | S   |          |   |



|      |      |      |
|------|------|------|
| 9-11 |      |      |
| HO   | C.O. | Edge |
| 2    | 2    | 3    |
| MS   | MS   |      |

|    |     |   |
|----|-----|---|
| 1P | 12P | 1 |
|----|-----|---|

|      |    |   |
|------|----|---|
| 1-2P | 1P | 1 |
|------|----|---|

|     |   |   |
|-----|---|---|
| 2-3 | 3 | 2 |
| MS  | S |   |

|     |    |   |
|-----|----|---|
| 2-3 | 3  | 2 |
| MS  | MS |   |

part maturity

|    |    |   |
|----|----|---|
| 2  | 2  | 3 |
| MS | MP |   |

|     |      |   |
|-----|------|---|
| 2-3 | 3-4S | 3 |
| MS  |      |   |

|     |      |   |
|-----|------|---|
| 2-3 | 3-4S | 2 |
| (1) |      |   |

part maturity

|     |               |   |
|-----|---------------|---|
| 2-3 | 4S            | 2 |
| S   | part maturity |   |

|     |     |                           |       |
|-----|-----|---------------------------|-------|
| 650 | 108 | 8+25<br>11.0. C.O.<br>3 S |       |
| 651 | 109 | 2-3<br>S                  |       |
| 652 | 110 | 2<br>M R                  |       |
| 653 | 111 | 2<br>M R                  | A.T.1 |
| 654 | 112 | 1-2<br>R                  |       |
| 655 | 113 | 2-3<br>MS                 |       |
| 656 | 114 | 1-2<br>MS                 |       |
| 657 | 208 | 2-3<br>MS                 | 1     |



9-15-54

|     |     |          |
|-----|-----|----------|
| 10  | CO. | 25       |
| 2-3 | 25  | 12 (HR?) |
| 5   |     |          |

|     |    |        |
|-----|----|--------|
| 2-3 | 35 | 1 (HR) |
| 5   |    |        |

|                           |     |       |
|---------------------------|-----|-------|
| 2-3                       | 125 | 1 (R) |
| MS                        | R   |       |
| (Halo<br>around<br>spots) |     |       |

|    |     |   |
|----|-----|---|
| 2  | 1-2 | 1 |
| MR | R   |   |

|     |     |   |
|-----|-----|---|
| 1-2 | 1-2 | 1 |
| MR  | MR  |   |

|     |     |   |
|-----|-----|---|
| 2-3 | 1-2 | 2 |
| MS  | MR  |   |

|    |   |   |
|----|---|---|
| 2  | 1 | 1 |
| MS |   |   |

|     |    |   |
|-----|----|---|
| 2-3 | 35 | 1 |
| MS  |    |   |

|     |     |           |     |
|-----|-----|-----------|-----|
|     |     | 8-25      |     |
|     |     | 11.6      | e.u |
| 658 | 209 | 1-2<br>MR |     |
| 659 | 210 | 1-2<br>MR |     |
| 660 | 211 | 2<br>MS   |     |
|     |     | Tall      |     |
| 661 | 212 | 2<br>MS   |     |
| 662 | 213 | 1-2<br>MR |     |
| 663 | 214 | 2<br>MS   |     |
| 664 | 308 | 2<br>MS   |     |
| 665 | 309 | 2<br>MS   |     |



9-15-54  
 H.O. Co. Entyl  
 2 MR 3 S 1  
 Halo  
 T<sub>2</sub>. Kernel Sweet

1 R 2-3 2  
 5

1-2 1-2 1-2  
 MR R

2 2 2  
 MS MS

2 1 R 1  
 MS

Roan good

2 1 R 1-2  
 MS

Rate

9-16-54

1-2 1-2 1-2  
 MR R

Green Leaf -

2 1-2 2  
 MR R

|     |     |                      |             |
|-----|-----|----------------------|-------------|
|     |     | 8-25                 |             |
| 666 | 310 | H.O. C.O.<br>2<br>MS |             |
| 667 | 311 | 2<br>MS              |             |
| 668 | 312 | 2<br>MS              | LT          |
| 669 | 313 | 2<br>MS              | <u>Sale</u> |
| 670 | 314 | 1 R                  |             |
| 671 | 408 | 2<br>MS              |             |
| 672 | 409 | 1-2<br>MR            |             |
| 673 | 410 | 2<br>MR              |             |



|                        |                 |              |  |  |  |  |
|------------------------|-----------------|--------------|--|--|--|--|
| 9-16<br>NO<br>2-3<br>3 | CO<br>1-2<br>MR | Enlyt<br>2-3 |  |  |  |  |
| 2<br>MS                | 1-2<br>MR       | 3            |  |  |  |  |
| 2<br>MS                | 1-2<br>MS       | 2-3          |  |  |  |  |
| <u>Rate</u>            |                 |              |  |  |  |  |
| 2<br>MS                | 1-2<br>MS       | 2-3          |  |  |  |  |
| 1 R                    | 1 R             | 1 R          |  |  |  |  |
| 1-2<br>MR              | 4 S             | 1-2          |  |  |  |  |
| 1-2<br>R               | 1<br>MR         | 1            |  |  |  |  |
| 1-2<br>MR              | 3 S             | 2            |  |  |  |  |

|     |     |                         |      |     |
|-----|-----|-------------------------|------|-----|
| 674 | 411 | 8-25<br>110<br>3-4<br>3 | P.O. |     |
| 675 | 412 | 3-4<br>3                |      | 121 |
| 676 | 413 | 3 3                     |      |     |
| 677 | 414 | 3 3                     |      |     |
| 678 | 508 | 2<br>MS                 | 2(3) |     |
| 679 | 509 | 2<br>MS                 |      |     |
| 680 | 510 | 2<br>MS                 |      |     |
| 681 | 511 | 1-2<br>MR               |      |     |



|        |        |   |             |                                                 |
|--------|--------|---|-------------|-------------------------------------------------|
| 9-16   |        |   | Entry<br>18 | sm. H.O.<br>but spots<br>large. Lower<br>green. |
| H.O.   | C.O.   |   |             |                                                 |
| 3-4 S  | 2 MS   |   |             |                                                 |
|        |        |   |             |                                                 |
| 3 S    | 2 MS   | 1 |             |                                                 |
|        |        |   |             |                                                 |
| 3 S    | 2 MS   | 1 |             |                                                 |
|        |        |   |             |                                                 |
| 2-3 MS | 2 MS   | 1 |             |                                                 |
|        |        |   |             |                                                 |
| 2 MS   | 2-3 S  | 1 |             |                                                 |
|        |        |   |             |                                                 |
| Date   |        |   |             |                                                 |
| 2 MS   | 2 MS   | 2 |             |                                                 |
|        |        |   |             |                                                 |
| 2 MS   | 1-2 MS | 1 |             |                                                 |
|        |        |   |             |                                                 |
| 1-2 HR | 1 R    | 1 |             |                                                 |
|        |        |   |             |                                                 |
| Date   |        |   |             |                                                 |

|     |     |           |     |
|-----|-----|-----------|-----|
|     |     | 8-25-54   |     |
|     |     | H.O       | C.O |
| 682 | 512 | 1-2<br>MR |     |
| 683 | 513 | 122<br>MR |     |
| 684 | 514 | 2<br>MR   |     |
| 685 | 608 | 3 5       |     |
| 686 | 609 | 2-3<br>MR |     |
| 687 | 610 | 3 5       |     |
| 688 | 611 | 2-3<br>MR |     |
| 689 | 612 | 1-2<br>MR |     |



|         |     |      |
|---------|-----|------|
| 9-16-54 |     |      |
| 110     | C.O | Edge |
| 2       | 1-2 | 1    |
| MS      | R   |      |

|    |    |   |
|----|----|---|
| 2  | 2  | 2 |
| MR | MS |   |

|    |    |   |
|----|----|---|
| 2  | 2  | 1 |
| MR | MS |   |

|     |    |     |
|-----|----|-----|
| 2-3 | 2  | 2-3 |
| MS  | MS |     |

V.O. 3 S  
9-30-54

|    |    |     |
|----|----|-----|
| 3  | 2  | 2-3 |
| MS | MR |     |

|     |       |     |
|-----|-------|-----|
| 3 S | 1-2 R | 2-3 |
|-----|-------|-----|

|     |      |     |
|-----|------|-----|
| 3 S | 2 MR | 1-2 |
|-----|------|-----|

|    |     |   |
|----|-----|---|
| 2  | 2-3 | 3 |
| MS | S   |   |

|     |     |                              |
|-----|-----|------------------------------|
| 690 | 613 | 8-25<br>H.G. C.D.<br>1<br>NR |
| 691 | 614 | 1 R                          |
| 692 | 708 | 1 NR                         |
| 693 | 709 | 2<br>MS                      |
| 694 | 710 | 2<br>MS                      |
| 695 | 711 | 2<br>MS                      |
| 696 | 712 | 2<br>MS                      |
| 697 | 713 | 23                           |



2 16-54  
 110 50 54  
 1 HR 1 HR 1 P

1 P 1 P 1 P

2 ut - Hatching

1 NA 1 NA 1 NA

7 all - poor green shape

3-4 2 1  
 3 MR

Date - Numerous  
 small spots

3-4 2 1 1  
 3 MR

Date - numerous  
 small spots

1 P 0 0

2 1 P 1  
 MS

2 1-2 1  
 MS R

|     |     |                   |     |
|-----|-----|-------------------|-----|
| 698 | 714 | H.O,<br>2-3<br>MS |     |
| 699 | 115 | 35                |     |
| 700 | 116 | 1-2<br>MR         |     |
| 701 | 117 | 2<br>MS           | ht, |
| 702 | 118 | 2-3<br>MS         |     |
| 703 | 119 | 2<br>MR           |     |
| 704 | 120 | 2<br>MR           |     |
| 705 | 121 | 2-3<br>MS         |     |



|           |            |           |
|-----------|------------|-----------|
| 110<br>33 | CO<br>1-2A | 5/27<br>1 |
|-----------|------------|-----------|

|         |    |   |
|---------|----|---|
| 2<br>MR | 1R | 1 |
|---------|----|---|

|           |    |   |
|-----------|----|---|
| 1-2<br>MR | 1R | 1 |
|-----------|----|---|

|         |         |   |
|---------|---------|---|
| 2<br>MR | 1<br>MS | 1 |
|---------|---------|---|

|           |   |   |
|-----------|---|---|
| 2-3<br>MS | 1 | 1 |
|-----------|---|---|

|         |         |   |
|---------|---------|---|
| 2<br>MS | 2<br>MS | 1 |
|---------|---------|---|

|           |    |   |
|-----------|----|---|
| 1-2<br>MS | 1R | 1 |
|-----------|----|---|

|     |           |   |
|-----|-----------|---|
| 2MS | 1-2<br>MS | 1 |
|-----|-----------|---|

|     |  |     |           |             |
|-----|--|-----|-----------|-------------|
|     |  |     | 110       | 8-21<br>P.O |
| 706 |  | 215 | 2<br>MS   |             |
| 707 |  | 216 | 2-3<br>MS |             |
| 708 |  | 217 | 2<br>MS   |             |
| 709 |  | 218 | 2<br>MS   |             |
| 710 |  | 219 | 2<br>MS   |             |
| 711 |  | 220 | 3<br>S    |             |
| 712 |  | 221 | 3<br>S    |             |
| 713 |  | 315 | 3<br>S    |             |



|     |     |       |
|-----|-----|-------|
| 110 | 00  | Entyl |
| 1-2 | 1-2 |       |
| MB  | MS  |       |

Green phase - late

|     |     |   |
|-----|-----|---|
| 2-3 | 2-3 | 1 |
| MR  | MS  |   |

Ripe

|    |   |   |
|----|---|---|
| 2  | 1 | 1 |
| MR |   |   |

Late

|    |     |   |
|----|-----|---|
| 2  | 1-2 | 1 |
| MS | MR  |   |

|    |    |   |
|----|----|---|
| 2  | 1  | 1 |
| MB | MR |   |

Green down - late

|    |    |     |
|----|----|-----|
| 2  | 3  | 3-4 |
| MS | MS |     |

late

|    |    |     |
|----|----|-----|
| 2  | 1  | 2-3 |
| MS | MR |     |

Late

|   |    |   |
|---|----|---|
| 3 | 2  | 1 |
| S | MS |   |

|     |     |           |        |
|-----|-----|-----------|--------|
|     |     | 8-25      |        |
|     |     | H.O       | CO     |
| 714 | 316 | 2<br>MS   | 2<br>S |
| 715 | 317 | 2<br>MS   | 2<br>S |
| 716 | 318 | 2<br>MS   | 2<br>S |
| 717 | 319 | 2<br>MS   | 2<br>S |
| 718 | 320 | 2<br>MS   | 1<br>S |
| 719 | 321 | 3<br>S    |        |
| 720 | 415 | 2<br>MS   |        |
| 721 | 416 | 1-2<br>MR |        |



9-16-54

|      |      |       |
|------|------|-------|
| H.O  | CO   | Entry |
| 2 MS | 3-4S | 2     |

Date

|      |    |   |
|------|----|---|
| 2 MS | 4S | - |
|------|----|---|

|      |    |   |
|------|----|---|
| 2 MS | 4S | - |
|------|----|---|

Date

|      |      |   |
|------|------|---|
| 2 MS | 4-5S | - |
|------|------|---|

|      |        |     |
|------|--------|-----|
| 2 MS | 1-2 MP | 2-3 |
|------|--------|-----|

Date

|      |      |   |
|------|------|---|
| 2 MS | 2 MP | 1 |
|------|------|---|

Tall - Clean pliage

|        |      |   |
|--------|------|---|
| 1-2 MP | 1 MP | 1 |
|--------|------|---|

Date - Clean

|      |      |   |
|------|------|---|
| 2 MS | 2 MS | 1 |
|------|------|---|

|     |     |                      |
|-----|-----|----------------------|
| 722 | 417 | 8-25<br>HO.<br>35    |
| 723 | 418 | 2<br>MS              |
| 724 | 419 | 2-3<br>MS            |
| 725 | 420 | 2-3<br>MS            |
|     |     | Rest Rest- Yellowish |
| 726 | 421 | 3<br>3               |
| 727 | 515 | 3<br>5               |
| 728 | 516 | 3<br>3               |
| 729 | 517 | 3<br>5               |



9-16-54  
 110 C.G. Edge  
 3S 1A 1

1-2 1A 1  
 MR

Clear

2 3S 1  
 MS

2 1-2 2  
 MS MR

3S 1-2A 1

2 3.4S 1  
 MS

2-3 1A 1  
 MS

2-3 1A 1  
 MS

|     |     |                |  |
|-----|-----|----------------|--|
|     |     | 8-25           |  |
|     |     | N.O. P.O       |  |
| 730 | 518 | 2-3            |  |
|     |     | S              |  |
| 731 | 519 | 2-3            |  |
|     |     | S              |  |
| 732 | 520 | 3-4            |  |
|     |     | S              |  |
| 733 | 521 | 3S             |  |
| 734 | 615 | 2-3            |  |
|     |     | S              |  |
| 735 | 616 | 2-3            |  |
|     |     | S              |  |
| 736 | 617 | 2-3            |  |
|     |     | M <sup>o</sup> |  |
| 737 | 618 | 2-3            |  |
|     |     | M <sup>o</sup> |  |



9-16-50

| NO  | CO  | Entry |
|-----|-----|-------|
| 2-3 | 1-2 |       |
| MS  | MR  |       |

Late

|    |     |   |
|----|-----|---|
| 2  | 1-2 | 1 |
| MR | MR  |   |

|     |    |   |
|-----|----|---|
| 3-4 | 1  | 1 |
| S   | MS |   |

|    |       |   |
|----|-------|---|
| 3S | 1     | 1 |
|    | MR(?) |   |

|     |    |   |
|-----|----|---|
| 2-3 | 1A | 1 |
| MS  |    |   |

|     |    |   |
|-----|----|---|
| 3-4 | 1A | 1 |
| S   |    |   |

ht.

|     |    |   |
|-----|----|---|
| 2-3 | 1S | 1 |
| MS  |    |   |

|    |    |   |
|----|----|---|
| 2  | 1A | 1 |
| MS |    |   |

|     |     |                               |  |
|-----|-----|-------------------------------|--|
| 738 | 419 | 8-25<br>NO. C.O.<br>3<br>3    |  |
| 739 | 620 | 2-3<br>3                      |  |
| 740 | 621 | 3ms. Head Blight<br>2-3<br>MS |  |
| 741 | 715 | 3ms. Head Blight<br>2-3<br>MS |  |
| 742 | 716 | 3<br>3                        |  |
| 743 | 717 | 2-3<br>MS                     |  |
| 744 | 718 | 3<br>3                        |  |
| 745 | 719 | 2-3<br>MS                     |  |
| 746 | 720 | 2-3<br>3                      |  |



9-16-5-P

|     |    |     |    |
|-----|----|-----|----|
| NO  | CO | Ref | Re |
| 2-3 | 2  | 2   |    |
| MS  | MS |     |    |

|     |     |     |
|-----|-----|-----|
| 2-3 | 1-2 | 3-4 |
| MS  | MS  |     |

general brownish  
leaves - Rizo

|     |     |   |   |
|-----|-----|---|---|
| 2-3 | 1 R | 1 | 3 |
| MS  |     |   |   |

|     |     |   |
|-----|-----|---|
| 2-3 | 1-2 | 1 |
| MS  | MS  |   |

Short. Med. Branch "JAP"

|    |     |     |   |
|----|-----|-----|---|
| 3  | 1-2 | 3-4 | 2 |
| MS | MS  |     |   |

|    |     |   |   |
|----|-----|---|---|
| 2  | 1-2 | 2 | 2 |
| MS | MS  |   |   |

|    |    |   |   |
|----|----|---|---|
| 3  | 2  | 1 | 2 |
| MS | MS |   |   |

|    |     |   |
|----|-----|---|
| 2  | 2-3 | 1 |
| MS | MS  |   |

in Kernel Sprout

|     |     |   |
|-----|-----|---|
| 3-3 | 2-3 | 2 |
| MS  | MS  |   |

# K. O. L. Collection - Cont. Beaumont

|    |    |            |            |
|----|----|------------|------------|
|    |    | 8-26       | 16-25-50   |
| 59 | 75 | 110<br>3 S | 597 2-     |
|    | 76 | 4 S        | 59 80      |
|    | 77 | 4 S        | Sate taken |
|    | 78 | 3 S        | 900.       |
|    | 79 | 2-3 MS     |            |
|    | 80 | 3 S        |            |
|    | 81 | 2-3 S      |            |
|    | 82 | 2-3 S      |            |
|    | 83 | 2-3 S      |            |
|    | 84 | 3 S        |            |
| 00 | 01 | 1-2 MP     |            |
|    | 02 | 1-2 MP     |            |
|    | 03 | 2 MS       |            |
|    | 04 | 1-2 MP     |            |
|    | 05 | 2 MP       |            |
|    | 06 | 1-2 MP     |            |
|    | 07 | 2 MS       |            |
|    | 08 | 3-4 S      |            |
|    | 09 | 3 S        |            |
|    | 10 | 3 S        |            |
|    | 11 | 3 S        |            |



|           |            |   |   |
|-----------|------------|---|---|
| 9-23      |            |   |   |
| 16 P.O.   |            |   |   |
| 3 S 1 R   | 7-10, late |   |   |
| 3 S 1 R   |            | ✓ | ✓ |
| 3 S 1 R   |            | ✓ | ✓ |
| 2-3 S 1 R |            | ✓ | ✓ |
| 2-3 S 1 R |            | ✓ | ✓ |
| 2-3 S 1 R |            | ✓ | ✓ |
| 1/2 short |            |   |   |
| ✓         |            |   |   |

|                      |            |   |   |
|----------------------|------------|---|---|
| 3 S 1 R              | short, sap |   |   |
| 5 <sup>4</sup> S 1 R |            | ✓ | ✓ |
| 9-24-54              |            |   |   |
| 2 short              |            |   |   |

✓

✓

✓

✓

✓

✓

✓

✓

✓

|         |           |  |  |
|---------|-----------|--|--|
| 3 S 1 R | part med. |  |  |
|---------|-----------|--|--|

|    |    |           |  |
|----|----|-----------|--|
|    |    | 8-26-54   |  |
| 60 | 12 | 110<br>35 |  |
|    | 13 | 35        |  |
|    | 14 | 3-45      |  |
|    | 15 | 3-45      |  |
|    | 16 | 45        |  |
|    | 17 | 3-45      |  |
|    | 18 | 45        |  |
|    | 19 | 2-35      |  |
|    | 20 | 35        |  |
|    | 21 | 35        |  |
|    | 22 | 35        |  |
|    | 23 | 2-35      |  |
|    | 24 | 35        |  |
|    | 25 | 2 MP      |  |
|    | 26 | 2-345     |  |
|    | 27 | 2-345     |  |
|    | 28 | 2 MS      |  |
|    | 29 | 2 MP      |  |
|    | 30 | 35        |  |
|    | 31 | 2 MS      |  |
|    | 32 | 35        |  |



9-20  
H.O. C.D.  
Harvest

✓

✓

✓

✓

✓

✓

3S 1R

3S 1R

Harvest. Sus. Regrowth

3S 1R post met.

3S 1R

Collect

3S 1R

2MS 1-2MR

2-3MS 1R

Harvest

✓

2-3MS 1-2MR MS. Regrowth

3S 1-2MR S Regrowth

2-3MS 1-2MR

Harvest

|    |                |    |
|----|----------------|----|
| 33 | NO CO<br>2-3MS |    |
| 34 | 2-3MS          |    |
| 35 | 2 MS           |    |
| 36 | 2 MS 2S        |    |
| 37 | 2 MP 1S        |    |
| 38 | 2 MP           |    |
| 39 | 2 MP           |    |
| 40 | 2-3MP          |    |
| 41 | 2-3MS          |    |
| 42 | 2 MS           |    |
| 43 | 2 MS           |    |
| 44 | 2 MS           |    |
| 45 | 3S             | 3m |
| 46 | 3S             | ✓  |
| 47 | 3S             | ✓  |
| 48 | 3S             | ✓  |
| 49 | 3S             | ✓  |
| 50 | 3S             | ✓  |
| 51 | 1-2MP          |    |
| 52 | 1-2MP          |    |
| 53 | 1-2MP          |    |



9-26

NO 16

Harvest

✓

✓

2MS 2MS

1-2MP 3S

2MP 3S

2MP 3S

2MP 3S

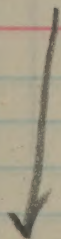
2MP 3S

2MP 3S

2MP 3S

2MS 2-3  
MS

Down

Port  
material

54

55

56

57

58

59

60

61

62

63

64

65

66

67

68

69

70

71

72

73

110

2 MS

2 MS

2 MR

2 MR

1-2 MR

1-2 MR

1-2 MR

1-2 MR

1-2 MR

35

35

35

2-3 MS

2-3 S

35

35

2-35

2-35

2-35

2-35



9-24-54

Name:

Post.  
maturity.

|    |  |  |  |  |           |
|----|--|--|--|--|-----------|
|    |  |  |  |  | N.O. C.O. |
| 74 |  |  |  |  | 2-3 S     |
| 75 |  |  |  |  | 5-5       |
| 76 |  |  |  |  | 4-5       |
| 77 |  |  |  |  | 5-5       |
| 78 |  |  |  |  | 4-5 S     |
| 79 |  |  |  |  | 4-5       |
| 80 |  |  |  |  | 5-5       |
| 81 |  |  |  |  | 2-3 S     |
| 82 |  |  |  |  | 2-3 MS    |
| 83 |  |  |  |  | 2-3 MS    |
| 84 |  |  |  |  | 2-3 S     |

|    |  |  |  |  |           |
|----|--|--|--|--|-----------|
| 01 |  |  |  |  | 2-3 MS    |
| 02 |  |  |  |  | 2-3 MS    |
| 03 |  |  |  |  | 2-3 MS    |
| 04 |  |  |  |  | 2-3 S     |
| 05 |  |  |  |  | 2-3 S 1 S |
| 06 |  |  |  |  | 3-5 1 S   |
| 07 |  |  |  |  | 3-5       |
| 08 |  |  |  |  | 3-5       |

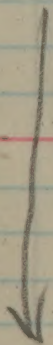


Bar.  
Post.  
maturity  
9-24

9-24  
Hb. C.O.  
Harvest.  
too much

✓

✓



8-26-59

41 09

1/10

1 P

10

1-2 P

11

1-2 P

12

2 M P

13

1-2 P

14

1-2 P

15

1-2 P

7.00 kt

16

1-2 P

Tell 1st

17

1-2 P

18

1-2 P

19

1-2 P

20

1-2 P

21

3-4 S

22

3-4 S

23

3-4 S

24

3-4 S

25

3-4 S

26

3-4 S

27

3-4 S

28

3-4 S

29

3-4 S

"  
↓



9-29

H. b. C. d

1R 1P

1-2MR 1P

Hornet

2MR 1P

1-2R 1P

1-2R 1P

1R 1P

1R 1P

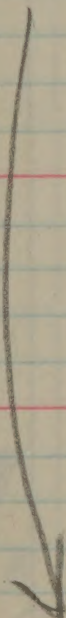
1R 1P

1R 1P

1R 1P

1-2R 1P

Hornet. S. regina

10-25-5-9  
+ clant

61 30

31

32

33

34

35

36

37

38

39

40

41

42

43

44

45

46

47

48

49

50

N.O.

3<sup>4</sup>5

3-45

3-45

3-45

3-45

3-4<sup>5</sup>

35

3-45

345

3-45

3-45

345

3-4<sup>5</sup>

3-45

3-45

3-45

3-45

35

2-35

2<sup>1</sup>5

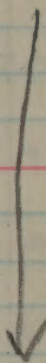
2<sup>1</sup>5



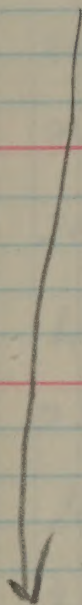
9-23

H.B. C.O.

Harvest S Region



Harvest Post. in study



Harvest



2MB 1R

Tall late

2MB 1R

2MB

slowly  
but good  
green leaves

|      |             |         |  |
|------|-------------|---------|--|
|      |             | 8-26-54 |  |
| 6151 |             | N.O.    |  |
| 52   |             | 2MS     |  |
| 53   |             | 2MS     |  |
| 54   |             | 2MS     |  |
| 55   |             | 2MS     |  |
| 56   |             | 2-3MS   |  |
| 57   |             | 2-3MS   |  |
| 58   |             | 2-3MS   |  |
| 59   |             | 2-3MS   |  |
| 60   |             | 2MP     |  |
| 61   |             | 1-2MP   |  |
| 62   |             | 1-2MP   |  |
| 63   |             | 2MP     |  |
| 64   |             | 1-2MP   |  |
| 65   |             | 1-2MP   |  |
| 66   | purple hull | 2-3MS   |  |
| 67   | ✓           | 2-3MS   |  |
| 68   |             | 2-3MS   |  |
| 69   |             | 2-3MS   |  |
| 70   |             | 2-3MS   |  |
| 71   |             | 2-3MS   |  |





|    |                     |             |  |  |
|----|---------------------|-------------|--|--|
| 61 | 72 Purple<br>plants | 110.<br>1 P |  |  |
|    | 73 ✓                | 1 P         |  |  |
|    | 74 ✓                | 1 P         |  |  |
|    | 75 ✓                | 1 P         |  |  |
|    | 76 ✓                | 1 P         |  |  |
|    | 77 ✓                | 1 P         |  |  |
|    | 78                  | 1-2 P       |  |  |
|    | 79                  | 1-2 P       |  |  |
|    | 80                  | 1-2 P       |  |  |
|    | 81                  | 1-2 P       |  |  |
|    | 82                  | 1-2 P       |  |  |
|    | 83                  | 1-2 P       |  |  |
|    | 84                  | 1-2 MP      |  |  |

|      |        |  |  |
|------|--------|--|--|
| 6201 | 2 MP   |  |  |
| 02   | 2 MP   |  |  |
| 03   | 1-2 MP |  |  |
| 04   | 1 HP   |  |  |
| 05   | 1-2 P  |  |  |
| 06   | 2 MS   |  |  |



9-24  
 No P.O.  
 Harvest

✓

✓

✓

✓

✓

2MS 2MR

2MS 2MR

Harvest

✓

2MS 1P

2MS 1P

Post maturity  
 2MS 1P

Harvest

✓

2MS 1P

1P 1P

2R 1P

2R 1P

|      |                                    | H.V.   | C.O. |
|------|------------------------------------|--------|------|
| 6207 |                                    | 2MP    | 1S   |
| 08   |                                    | 2-3MS  |      |
| 09   |                                    | 2-3 S  |      |
| 10   |                                    | 2-3S   |      |
| 11   |                                    | 2-3 S  |      |
| 12   |                                    | 2-3S   |      |
| 13   |                                    | 2-3MS  |      |
| 14   |                                    | 2-3MS  |      |
| 15   |                                    | 2-3S   |      |
| 16   |                                    | 2-3 S  |      |
| 17   |                                    | 2-3 S  |      |
| 18   | Tall heavy<br>heads<br>↓           | 1-2 P  |      |
| 19   |                                    | 1-2 MP |      |
| 20   |                                    | 1-2 P  |      |
| 21   |                                    | 1-2 P  |      |
| 22   |                                    | 1-2 P  |      |
| 23   | Pughist Hull<br>compact heads<br>↓ | 2 MP   |      |
| 24   |                                    | 2 MP   |      |
| 25   |                                    | 2-3MS  |      |
| 26   |                                    | 2-3MS  |      |
| 27   |                                    | 2-3MS  |      |
| 28   |                                    | 2-3MS  |      |



9-24

110 10  
1R 1R

2MR 1R

2MR 1R

2MR 1R

2MR 1R

2MS 2MS

2MS 2MS

2MS 2MS

2MS 2MS

3MS 2MS

3MS 2MS

2MR 1MR Put material

Harvest

✓

post. mat.

✓

2MS 1-2R

2MS 1-2R

Harvest

✓

2MS 1-2R

3MS 1-2R

8-26

4229

303

31

32

33

34

35

36

37

38

39 Late

40

41

42

43 Late

44

45

46

47

48

49

110

2-3 S

3 MS

2-3 MS

2-3 MS

2 MP

2-3 MS

2 MP

2 MP

3 S

3 S

2-3 MP

2-3 MP

2-3 MP

2 MP

1-2 R

1-2 R

1-2 R

2 R

2 R

2 R

2 R



9-24

110 10.  
3MS 2MS

2MS 2MS

3MS 2MS

2-3 2MP  
MS

2MS 2MS

2MS 2MP

2MS 2MP

2MP 1MP

Hunt

✓

2MP 2MP

2MP 2MP

2MP 2MP

2R 2R

1-2 1R

1-2 1R

1-2R 1R

1-2R 1R

1-2R 1R

1-2R 1R

1-2R 1R

|     |            |        |
|-----|------------|--------|
| 250 | Rate       | 11.0.  |
| 51  | Date       | 2 A    |
| 52  |            | 2 P    |
| 53  | Heavy load | 3-4 S  |
| 54  | Date       | 1 P    |
| 55  | ✓          | 2-3 MS |
| 56  | 7 all      | 1-2 P  |
| 57  | Date       | 1-2 P  |
| 58  |            | 1-2 P  |
| 59  |            | 1-2 MP |
| 60  |            | 1-2 MP |
| 61  |            | 1-2 MP |
| 62  |            | 1-2 MP |
| 63  |            | 1-2 MP |
| 64  |            | 1-2 MP |
| 65  |            | 1-2 MP |
| 66  |            | 2 MP   |
| 66  |            | 2 MP   |
| 67  |            | 2 MP   |
| 68  |            | 2 MP   |
| 69  |            | 2 A    |



9-2F

NO CL.

1-2R 1R

1-2R 1R

Hout

✓

2MR 1R

1-2R 1MR

1-2R 1R

1-2MR 1R

1-2MR 1R

1-2MR 2MS

2-3 1R

MS

2MS 1R

2MS 1R

2MS 1R

2MS 1R

2MS 1R

~~2MS 1R~~

2MR 1R

2MR 1R

2MR 1R

2MS 1R

Collect.

52 70

71

72

73

74

75

76

77

78

79

80

81

82

83 rate

84 ✓

1/0.

2-3 M S

2 M S

2 M S

3 S

2 S

3 S

2-3 M S

2 M S

1-2 M S

2-3 S

2 M S

2 M S

2 M S

1-2 M S

1-2 M S



9-21  
110 50.  
2MP 1P  
2MP 2MS  
2MS 2MS  
3MS 1P  
3MS 1P  
3MS 1P  
2MS 1P  
2MS 1P  
2P 1P  
Hout  
3MS 1P  
Hout  
✓  
2MP 1P  
1-2MP 1P

# Wall Collection

|      |         |
|------|---------|
|      | 8-26-54 |
| 1    | H.O.    |
| 6301 | 1-2 R   |
| 02   | 1-2 MR  |
| 03   | 1-2 MR  |
| 04   | 1 R     |
| 05   | 1-2 R   |
| 06   | 1-2 MR  |
| 07   | 1-2 R   |
| 08   | 2-3 S   |
| 09   | 1-2 MR  |
| 10   | 1-2 MR  |
| 11   | 1-2 MR  |
| 12   | 1-2 R   |
| 13   | 1 R     |
| 14   | 1-2 MR  |
| 15   | 1-2 MR  |
| 16   | 1-2 MR  |
| 17   | 1-2 MR  |
| 18   | 1-2 MR  |
| 19   | 1-2 MR  |
| 20   | 3 S     |



9-29

116 P.O.

2MR 1P

Post mat.

Honest

✓

✓

2MR 1P

2MR 1P

2MS 2MS

2MR 1P

2MR 1P

2MS 1MS

Honest

✓

1-2 MR 1P

1-2 MR 1P

Post mat.

Honest

✓

✓

✓

63 21

22

23

24

25

26

27

28

~~29~~

29

30

31

32

33

34

35

36

37

38

39

40

110.

35

35

 $P^2$ 

1-2 A

2 MP

2 MP

2 MP

1-2 MP

~~2 MP~~

1-2 MP

2-3

1-2 MP

1-2 MP

1-2 MP

2-3 S

3 MS

3 MS

3-4 S

3 MS

3 MS

3 MS



9-2F  
No CO  
Hornet

✓

1-2R 1R T all late

1-2R 1R ✓

2MB 1R 3y.

3MS 1R ✓

2MS 1R ✓

2MS 1R ✓

Post mat.

✓

✓

2MS 1R

2MS 2MS

Post mat.

✓

✓

✓

3AS 1-2R

3MS ✓

3MS ✓

3MS ✓

Spots numerous

Leaves green

|           |        |          |
|-----------|--------|----------|
| 6341      | 110.   |          |
| <u>42</u> | 2-3 S  |          |
| 43        | 2-3 S  |          |
| 44        | 2 S    |          |
| 45        | 2-3 S  |          |
| 46        | 2 RLS  |          |
| 47        | 1-2 MP |          |
| 48        | 1-2 MP |          |
| 49        | 3 S    |          |
| 50        | 1-2 MP |          |
| 51        | 2 MP   |          |
| 52        | 2 MP   |          |
| 53        | 3 S    |          |
| 54        | 3 S    |          |
| 55        | 4 S    | 3.42 (N) |
| 56        | 4 S    | ✓        |
| 57        | 4 S    | ✓        |
| 58        | 2 MS   |          |
| 59        | 2 MS   |          |
| 60        | 2-3 S  |          |



9-24  
HO CO.

25 1P

35 1P

2-3 35

ms

Harvest

✓

Down. Post metering

✓

✓

1-2P 1P

1-2P 1P

1-2P 1P

Harvest

✓

meter

✓

Harvest

Mature (18)

2ms 1P

2ms 1P

2ms 1P

|      |              |         |  |
|------|--------------|---------|--|
|      |              | 8-26-54 |  |
|      |              | H.O.    |  |
| 6361 | short, early | 2 MR    |  |
| 62   |              | 2-3 MS  |  |
| 63   |              | 2-3 MS  |  |
| 64   |              | 2-3 MS  |  |
| 65   |              | 2-3 MS  |  |
| 66   | ✓            | 2-3 MS  |  |
| 67   |              | 3 S     |  |
| 68   |              | 3 S     |  |
| 69   |              | 3 S     |  |
| 70   |              | 4 VS    |  |
| 71   |              | 4 S     |  |
| 72   |              | 4 VS    |  |
| 73   |              | 2 MS    |  |
| 74   |              | 3 MS    |  |
| 75   |              | 3 MS    |  |
| 76   |              | 5 VS    |  |
| 77   |              | 5 VS    |  |
| 78   |              | 5 VS    |  |
| 79   |              | 4 S     |  |
| 80   |              | 4 S     |  |
| 81   |              | 3-4 S   |  |



9-24  
 16. C.O.  
 2MR 1P  
 2MR 1P  
 2MR 1P  
 2MR 1P  
 2MR 1P  
 2MR 1P  
 2-3MS 2MS  
 2-3MS 2MS  
 2-3 2MS  
 MS  
 3-4S 1P  
 Hunt  
 3-4S 1P  
 2-3 1P  
 MS  
 3MS 1P  
 3MS 1P  
 Port. mat.  
 Hunt  
 Port mat  
 Hunt  
 ↓

collect. v. Carter

No regrowth

No regrowth

✓

stem  
 not  
 red  
 stubble  
 10 sec

6382

83

84

6401

02

03

04

05

06

07

08

09

10

11

12

13

14

15

16

17

18

110  
35

35

35

35

35

35

1-2 R

1-2 R

1-2 R

1-2 R

1-2 R

1-2 R

1-2 R

1-2 R

1-2 R

2 MR

2-3 MB

3 S

3 MS

3 MS

3-4 S



9-2f  
 NO Co.  
 Harvest

✓

✓

Harvest

✓

Post, mat.

✓

✓

✓

Down, post, mat.  
 or harvest

✓

|     |             |       |                             |
|-----|-------------|-------|-----------------------------|
|     |             | 8-26  |                             |
| 419 |             | HO    |                             |
| 20  |             | 5VS   | 10-26<br>little<br>response |
| 21  |             | 5VS   |                             |
|     |             | 5VS   |                             |
| 22  |             | 3 S   |                             |
| 23  |             | 3 S   |                             |
| 24  |             | 3-4 S |                             |
| 25  |             | 3 S   |                             |
| 26  |             | 3 S   |                             |
| 27  |             | 3 S   |                             |
| 28  |             | 3 S   |                             |
| 29  |             | 3 S   |                             |
| 30  |             | 3-4 S |                             |
| 31  | v. short.   | 4 S   |                             |
| 32  | ✓           | 4 S   |                             |
| 33  | ✓           | 4 S   |                             |
| 34  | purple hole | 3 S   |                             |
| 35  | ✓           | 3 S   |                             |
| 36  | ✓           | 3 S   |                             |
| 37  |             | 2 MS  |                             |
| 38  |             | 2 MS  |                             |
| 39  |             | 2 MS  |                             |



9-24

110 CO.

Down, post instantly on hour to

2MS 1P

2A2 1P

2A3 1P

|       |                   |                               |  |
|-------|-------------------|-------------------------------|--|
|       |                   | 8-26                          |  |
| 6,440 |                   | 10                            |  |
|       |                   | 3-45                          |  |
| 41    |                   | 3-45                          |  |
| 42    |                   | 3-45                          |  |
| 43    | 2042              | 1-2 R                         |  |
| 44    | ✓                 | 1-2 R                         |  |
| 45    | ✓                 | 1-2 R                         |  |
| 46    | ✓                 | 1-2 R                         |  |
| 47    | ✓                 | 1-2 R                         |  |
| 48    | ✓                 | 2 <sup>M</sup> <sub>A</sub> R |  |
| * 49  | Heavy load - fall | 1-2 R                         |  |
| * 50  | ✓                 | 1-2 MR                        |  |
| * 51  | ✓                 | 1-2 MR                        |  |
| 52    |                   | 2-3 MS                        |  |
| 53    |                   | 2-3 MS                        |  |
| 54    |                   | 2-3 MS                        |  |
| 55    |                   | 2 MR                          |  |
| 56    |                   | 2 MR                          |  |
| 57    |                   | 2 MR                          |  |
| 58    |                   | 2-3 MS                        |  |
| 59    |                   | 2-3 MS                        |  |
| 60    |                   | 2-3 MS                        |  |



9-24

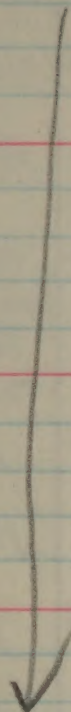
HO Co.

Honest

✓

✓

Down



2MS 1P

2MS 1P

2MS 1P

1-2R 1P

Sate

✓

1-2R 1P

1-2R 1P

✓

2MP 1P

2MP 1P

2MP 1P

|      |        | 9-29      |     |
|------|--------|-----------|-----|
| 6460 | 110    | 110       | CV. |
| 61   | 2-3MS  | 2-3 MS    | 1P  |
| 62   | 2-3MS  | 2MS       | 1P  |
| 63   | 2-3MS  | 2MS       | 1P  |
| 64   | 2-3MS  | 2MS       | 1P  |
| 65   | 2-3MS  | 2MS       | 1P  |
| 66   | 2MP    | 2MS       | 1P  |
| 67   | 2MP    | 2MS       | 1P  |
| 69   | 2MP    | 2MS       | 1P  |
| 70   | 2MP    | 2MS       | 1P  |
| 71   | 1-2 MP | 2MS       | 1P  |
| 72   | 2MP    | 2MS       | 1P  |
| 73   | 3S     | Hardest   |     |
| 74   | 3S     | Post. mat |     |
| 75   | 3S     | ✓         |     |
| 76   | 3S     | Down      |     |
| 77   | 2-3MS  |           |     |
| 78   | 3S     |           |     |
| 79   | 1-2P   |           |     |
| 80   | 2MP    |           |     |



|      |  |       | 920 |     |
|------|--|-------|-----|-----|
|      |  | No.   | No. | Co. |
| 6481 |  | 1-2MR | -   | -   |
| 82   |  | 1-2MR | 2AS | 1P  |
| 83   |  | 2MR   | 2AS | 1P  |
| 84   |  | 2MR   | 2AS | 1P  |

Onion  
Snow

|      |       |
|------|-------|
|      | 8-26  |
|      | NO.   |
| 4501 | 2-3ms |
| 02   | 2-3ms |
| 03   | 2-3ms |
| 04   | 3-4s  |
| 05   | 2-3s  |
| 06   | 2-3s  |
| 07   | 2-3s  |
| 08   | 2-3s  |
| 09   | 2-3s  |
| 10   | 2-3s  |
| 11   | 3s    |
| 12   | 2MP   |
| 13   | 1-2MP |
| 14   | 1-2P  |
| 15   | 2MP   |
| 16   | 2MP   |
| 17   | 2MP   |
| 18   | 2MP   |
| 19   | 2MP   |
| 20   | 2MP   |





# Crawley, So.

|                | No plant | X6.     | C.O   |       |
|----------------|----------|---------|-------|-------|
| 900            | 1        |         |       |       |
| 900            | 2        | 1       | 3     |       |
|                | 3        | 2       |       |       |
|                | 4        |         |       |       |
|                | 5        |         |       |       |
|                | 6        | 1       |       |       |
|                | 7        | 2       | 1     |       |
|                | 8        | Missing | 1     |       |
|                | 9        | 1       | 2-3   |       |
|                | 10       |         | 1     |       |
|                | 11       | matue   |       |       |
|                | 12       | 2       |       |       |
|                | 13       | Missing |       |       |
|                | 14       | 1(R)    | 1     |       |
|                | 15       | -       | 3     | matue |
|                | 16       | Missing |       |       |
|                | 17       | 1       | 45    |       |
|                | 18       | 0(R)    | 12(R) |       |
|                | 19       |         |       |       |
| Cauling<br>pod | 20       |         | 55    |       |
|                | 21       | 1 R     | R     |       |
|                | 22       | Missing |       |       |
|                | 23       |         |       |       |
| Rx             | 24       | 1       | 1-2   |       |
|                | 25       |         | 25    |       |
|                | 26       | Missing |       |       |
|                | 27       |         |       |       |
|                | 28       |         | 2 MA  | matue |
|                | 29       | 1       | 1     |       |
|                | 30       |         |       |       |
|                | 31       | Missing |       |       |
|                | 32       |         |       |       |
|                | 33       |         |       |       |
|                | 34       | -       | 15    |       |
|                | 35       |         | 45    |       |
|                | 36       |         |       |       |
|                | 37       | Missing |       |       |
|                | 38       |         | 55    | matue |
|                | 39       |         | 45    |       |
|                | 40       | Missing |       |       |
|                | 41       | 1       | 2     |       |
|                | 42, 43   | Missing |       |       |
|                | 44       |         |       |       |



|      |       |      |     |  |  |
|------|-------|------|-----|--|--|
|      |       | N.B. | C.O |  |  |
| 9045 |       | =    | 4 S |  |  |
| 46   | Musky |      | 0   |  |  |
| 47   |       | 1    |     |  |  |

# Breeding Nursery 9-17-54

| Century X H.O. | H.O. | P.O.   | Clutch | Short  |
|----------------|------|--------|--------|--------|
| 4351           | 1 R  | 1 R    | 2      | ✓      |
| 52             | 1 R  | 1-2 MR | 3      | ✓      |
| 53             | 1 R  | 1-2 R  | 2-3    | ✓      |
| 54             | 1 R  | 2 MR   | 3      | ✓      |
| 55             | 1 R  | 1-2 MR | 3-4    | ✓      |
| 56             | 1 R  | 2 MS   | 4-5    | ✓      |
| 57             | 1 R  | 3 MS   | 4-5    | ✓      |
| 58             | 1 R  | 2-3 MS | 4-5    | ✓      |
| 59             | 1 R  | 2 MR   | 4-5    | ✓      |
| 3 60           | 1 R  | 1 R    | 2      |        |
| 61             | 1 R  | 2 MS   | 3-4    |        |
| 62             | 1 R  | 2 MR   | 3      |        |
| 63             | 1 R  | 2 MR   | 3-4    |        |
| 64             | 1 R  | 2 MR   | 4      |        |
| 65             | 1 R  | 2-3 MS | 5      |        |
| 66             | 1 R  | 2-3 MS | 5      |        |
| 67             | 1 R  | 2 MS   | 5      | Teller |
| 68             | 1 R  | 3 MS   | 4      |        |
| 69             | 1 R  | 3 MS   | 4      |        |
| 70             | 1 R  | 3-4 MS | 5-5    |        |



|       |  | N.G.  | C.O.      | <del>End</del> |
|-------|--|-------|-----------|----------------|
| 4371  |  | 1A    | 3S        | 5              |
| 72    |  | 1A    | 3MS       | 4              |
| 73    |  | 1A    | 2-3<br>MS | 4-5            |
| 74    |  | 1A    | 2MR       | 3-4            |
| 75    |  | 1A    | 2MR<br>MS | 3              |
| 76    |  | 1A    | 2MR       | 3              |
| 77    |  | 1A    | 2MS       | 3-4            |
| 78    |  | 1A    | 1-2<br>MR | 3-4            |
| 79    |  | 1A    | 2-3<br>MS | 4-5            |
| 4380  |  | 2MR   | 2-3<br>MS | 3              |
| 81    |  | 1A    | 1-2<br>MR | 3              |
| 82    |  | 1A    | 2<br>MS   | 3              |
| 83    |  | 1A    | 2MS       | 4              |
| 84    |  | 1A    | 2MR       | 3-4            |
| 14 01 |  | 1-2MR | 2-3MS     | 3              |
| 02    |  | 1A    | 2MR       | 4              |
| 03    |  | 1-2R  | 2MR       | 3              |
| 04    |  | 1A    | 2-3<br>MS | 3-4            |
| 05    |  | 1-2R  | 2<br>MS   | 3              |
| 06    |  | 1-2R  | 2<br>MR   | 3              |
| 07    |  | 1A    | 2MS       | 3              |

|      | NO.   | P.O.        | Etl | length |
|------|-------|-------------|-----|--------|
| 4408 | 1 R   | 2-3<br>MS   | 3-4 | ✓      |
| 09   | 1-R   | 2MR         | 4   | ✓      |
| 10   | 1R    | 2MR         | 3   | ✓      |
| 11   | 1R    | 2MR         | 3   |        |
| 12   | 1R    | 2MS         | 3   |        |
| 13   | 1R    | 2MS         | 3   |        |
| 14   | 1R    | 2MS         | 3   |        |
| 15   | 1R    | 2-3<br>3+MS | 3   |        |
| 16   | 1R    | 2MS         | 3   |        |
| 17   | 1R    | 2MR         | 3-4 |        |
| 18   | 1R    | 2MR         | 3-4 |        |
| 19   | 1R    | 2MR         | 3-4 |        |
| 20   | 1-2MR | 2MR         | 2-3 |        |
| 21   | 1R    | 2MS         | 3   |        |
| 22   | 1R    | 2-3<br>MS   | 3-4 |        |
| 23   | 1R    | 1-2MR       | 3-4 |        |
| 24   | 1R    | 2MS         | 3-4 |        |
| 25   | 1R    | 3S          | 4   |        |
| 26   | 1R    | 2-3S<br>1MS | 3   |        |
| 27   | 1R    | 2MS         | 3-4 |        |



|     | DO        | CO        | Entyl |
|-----|-----------|-----------|-------|
| 428 | 1R        | 3S        | 4     |
| 29  | 1R        | 2-3<br>MS | 3     |
| 30  | 1R        | 2-3<br>MS | 3-4   |
| 31  | 1R        | 2-3<br>MS | 3     |
| 32  | 1R        | 1-2R      | 2-3   |
| 33  | 1R        | 2-3<br>MS | 2     |
| 34  | 1R        | 2-3<br>S  | 2     |
| 35  | 1R        | 1-2<br>RR | 2-3   |
| 36  | 1R        | 2MR       | 3     |
| 37  | 1R        | 2MR       | 3     |
| 38  | 1R        | 1-2R      | 4     |
| 39  | 1R        | 1-2R      | 3     |
| 40  | 2MS       | 2MS       | 3-4   |
| 41  | 1R        | 2MR       | 2-3   |
| 42  | 1R        | 2MR       | 2-3   |
| 43  | 1-2<br>MR | 2<br>MR   | 3     |
| 44  | 1R        | 2MS       | 3-4   |
| 45  | 1R        | 2-3<br>MS | 3     |
| 46  | 1R        | 2-3<br>MS | 2     |
| 47  | 1R        | 2S        | 3     |
| 48  | 1-2R      | 2MS       | 3-4   |

BHT X NO. 10

9-20-54

|      | NO        | CO        | Edge |
|------|-----------|-----------|------|
| 4511 | 2-3<br>MS | 2<br>MS   | 2    |
| 4512 | 2MS       | 2MS       | 2    |
| 13   | 2MS       | 2MS       | 2    |
| 14   | 2MS       | 2MS       | 2    |
| 15   | 2MS       | 2MS       | 2    |
| 16   | 2MS       | 2MS       | 2    |
| 17   | 2MS       | 3S        | 2    |
| 18   | 2MS       | 3S        | 2    |
| 19   | 2MS       | 3S        | —    |
| 4520 | 2MS       | 2-3<br>MS | 3    |
| 21   | 2MS       | 3S        | 2    |
| 22   | 2MS       | 3S        | 2    |
| 23   | 2MR       | 2-3<br>MS | 2    |
| 24   | 2MR       | 2MS       | 2    |
| 25   | 2MS       | 2MS       | 2    |
| 26   | 1R        | 2MR       | 1-2  |
| 27   | 1R        | 2MR       | 1-2  |
| 28   | 1R        | 2MR       | 1-2  |
| 29   | 1-2<br>MR | 3S        | 3    |
| 30   | 1-2<br>MR | 3S        | 3    |
| 31   | 1-2<br>MR | 3S        | 3    |



|      | 9-70        |           |          |
|------|-------------|-----------|----------|
|      | NO.         | P.O.      | Edge     |
| 4332 | 1-2 R       | 1-2<br>MR | 1-2      |
| 33   | 1-2 R       | 2-2<br>MR | 1-2      |
| 34   | 1-2 R       | 1-2<br>MR | 1-2      |
| 35   | 1-2<br>MR   | 2<br>MS   | 1-2      |
| 36   | 1-2<br>MR   | 2<br>MS   | 1-2      |
| 37   | 1-2<br>MR   | 2<br>MS   | 1-2      |
| 38   | 1-2<br>MR   | 2<br>MS   | 1-2      |
| 39   | 1-2<br>MR   | 2<br>MS   | 1-2      |
| 40   | 1-2<br>MR   | 3 S       | 1-2      |
| * 41 | 1-2<br>MR   | 1-2<br>MR | 1-       |
| 42   | 1-2<br>MR   | 2<br>MS   | 1-2      |
| 43   | 1-2<br>MR   | 2<br>MR   | 1        |
| 44   | 1-2<br>MR   | 1-2<br>MR | 1        |
| 45   | 1-2<br>MR   | 2<br>MS   | 1        |
| 46   | 2 MR<br>(?) | 4 S       | Early on |
| 47   | 2 MR        | 3 S       | 2        |
| 48   | 2 MR        | 3 S       | 2        |
| * 49 | 1-2 R       | 1-2 R     | 2        |
| * 50 | 1-2 MR      | 2 MR      | 2        |
| 51   | 2 MR        | 3 S       | 2        |
| 52   | 1-2<br>MR   | 3 S       | 2        |

9-26-54

|   |      | NO    | CO              | Entyl |       |
|---|------|-------|-----------------|-------|-------|
| * | 4553 | 1-2R  | 2MS             | 2     |       |
|   | 54   | 1-2R  | 3S              | 2     |       |
|   | 55   | 1-2R  | 2MS             | 2     |       |
|   | 56   | 1-2R  | 3S              | 2     |       |
|   | 57   | 1-2R  | 3S              | 2     |       |
|   | 58   | 1-2R  | 3S              | 2     |       |
|   | 59   | 1-2R  | 3S              | 2     |       |
| * | 60   | 1R    | 1-2R            | 2     |       |
|   | 61   | 1-2R  | 3S              | 2     |       |
| * | 62   | 1-2R  | 2MR             | 1-2   |       |
|   | 63   | 1-2R  | 2MR             | 1~    |       |
|   | 64   | 2MR   | 3-4             | 2     | Early |
|   | 65   | 2MR   | 3-4S            | 2     | ✓     |
|   | 66   | 2MR   | 4S              | 4     | ✓     |
|   | 67   | 1-2R  | 2MS             | 2     |       |
|   | 68   | 1-2R  | 2MS             | 2     |       |
|   | 69   | 1-2R  | 2-3MS           | 2     |       |
|   | 70   | 1-2R  | 3-4S            | 2     |       |
|   | 71   | 1-2MR | 4S <sub>4</sub> | 3     |       |
|   | 7~   | 1-2MR | 3S              | 3     |       |
|   | 73   | 1-2MR | 2MS             | 2     |       |





# June Policy Seeding - Bmt.

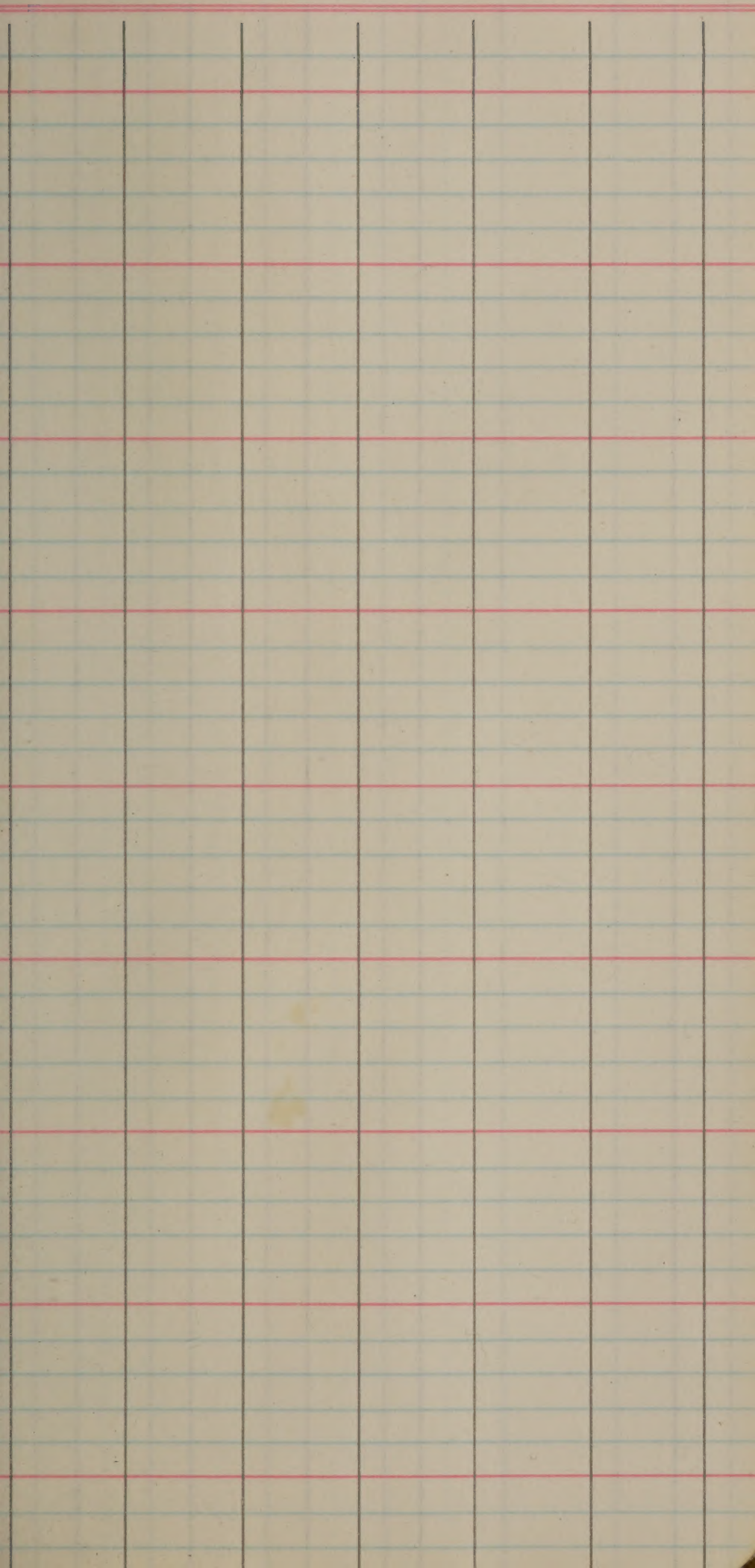
|     |                            |                          |                  |  |  |
|-----|----------------------------|--------------------------|------------------|--|--|
| 261 | B 322847-<br>12-2-4<br>RxF | 101<br>308<br>607<br>802 | -<br>-<br>-<br>- |  |  |
| 262 | Imp. Bt.                   | 102<br>306<br>605<br>801 | -<br>-<br>-<br>- |  |  |
| 263 | Suntanet?                  | 103<br>305<br>606<br>803 | <br><br>0<br>tn  |  |  |
| 264 | Rt. 50 ↗                   | 104<br>307<br>608<br>804 | <br><br>0<br>0?  |  |  |
| 265 | Caloro                     | 105<br>408<br>505<br>701 | <br><br>0<br>0.  |  |  |
| 266 | Blue Rose                  | 106<br>405<br>508<br>704 | <br><br>0<br>0   |  |  |
| 267 | Hgh. Max.<br>11-47-11-1    | 107<br>407<br>506<br>702 | <br><br>0<br>0   |  |  |
| 268 | Quendi                     | 108<br>406<br>507<br>703 | <br><br>0<br>0   |  |  |





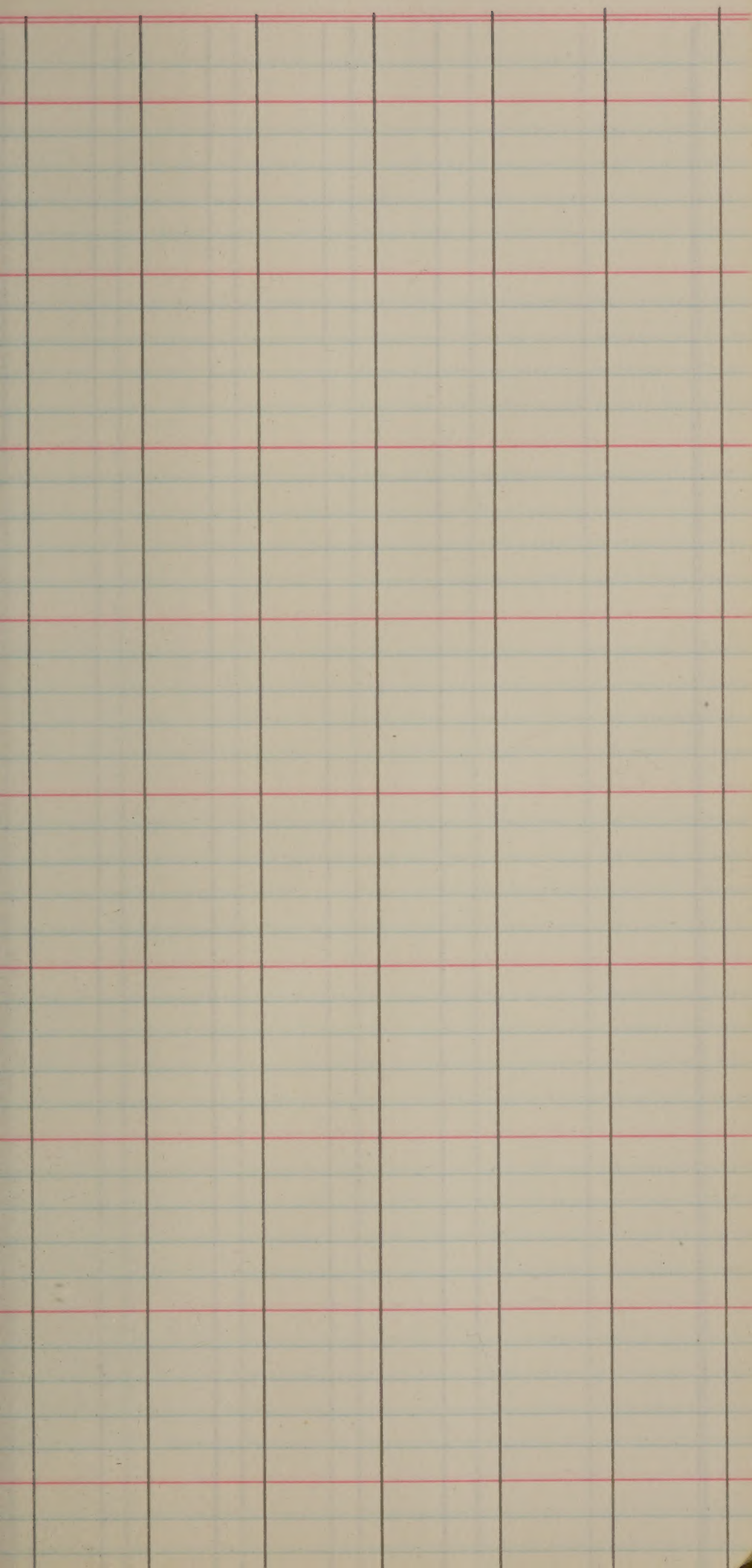
|     |                                  |                          |                      |  |  |
|-----|----------------------------------|--------------------------|----------------------|--|--|
| 269 | Reford                           | 201<br>303<br>602<br>808 | -<br>-<br>-<br>-     |  |  |
| 270 | HO-421-2-1                       | 202<br>301<br>604<br>806 | -<br>-<br>-<br>-     |  |  |
| 271 | TP-49                            | 203<br>304<br>603<br>807 | -<br>-<br>-<br>-     |  |  |
| 272 | T.P.                             | 204<br>302<br>601<br>805 | -<br>-<br>-<br>-     |  |  |
| 273 | B4512A1-20<br>Hall Sel X<br>BLT. | 205<br>401<br>502<br>708 | 0<br>0<br>0<br>0     |  |  |
| 274 | Century 231                      | 206<br>402<br>501<br>705 | 0<br>0<br>0<br>10/0  |  |  |
| 275 | R-Palf Xmag                      | 207<br>404<br>504<br>706 | tr<br>tr<br>tr<br>tr |  |  |
| 276 | 2nd Th                           | 208<br>403<br>503<br>707 | 0<br>0<br>0<br>0     |  |  |





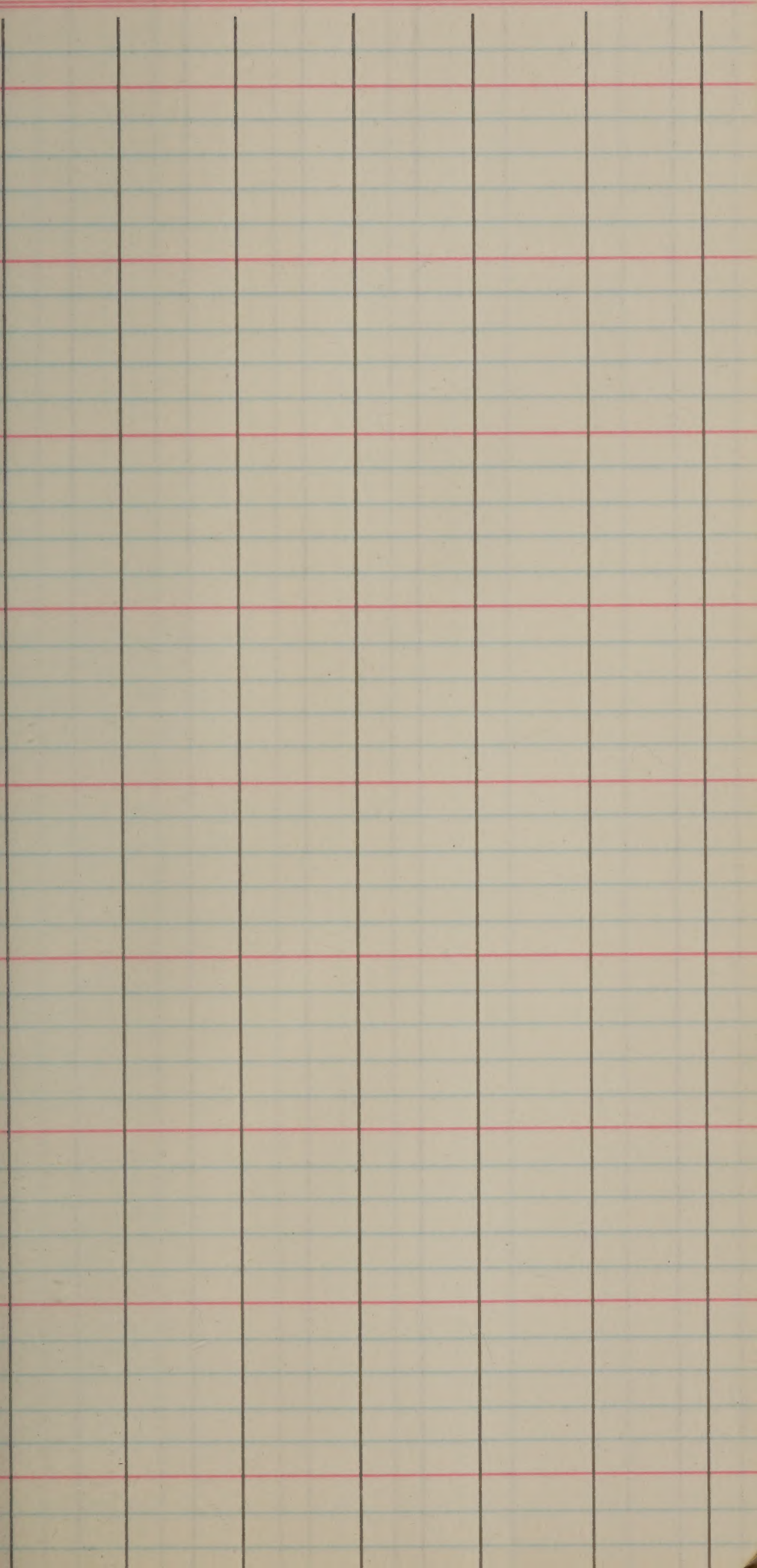


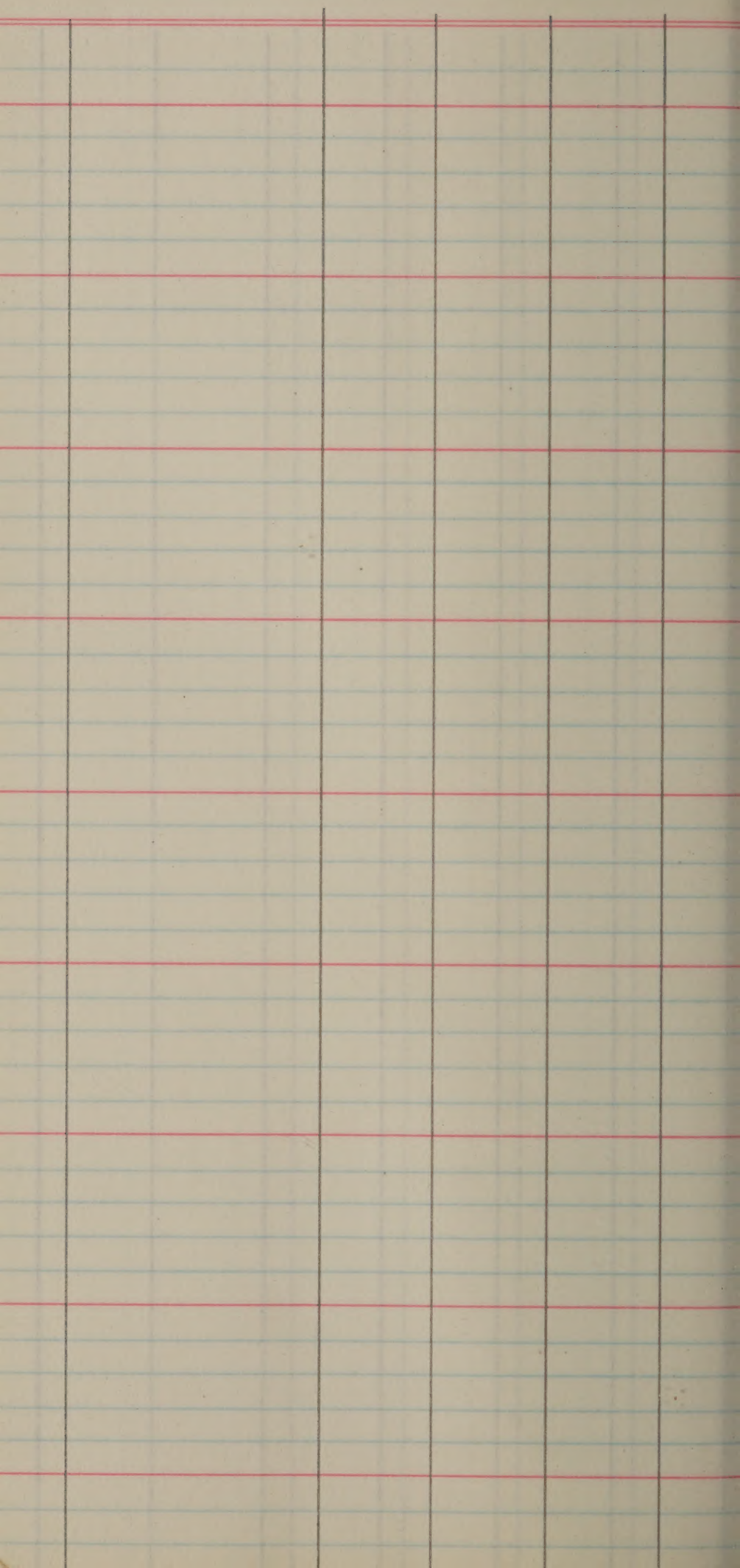




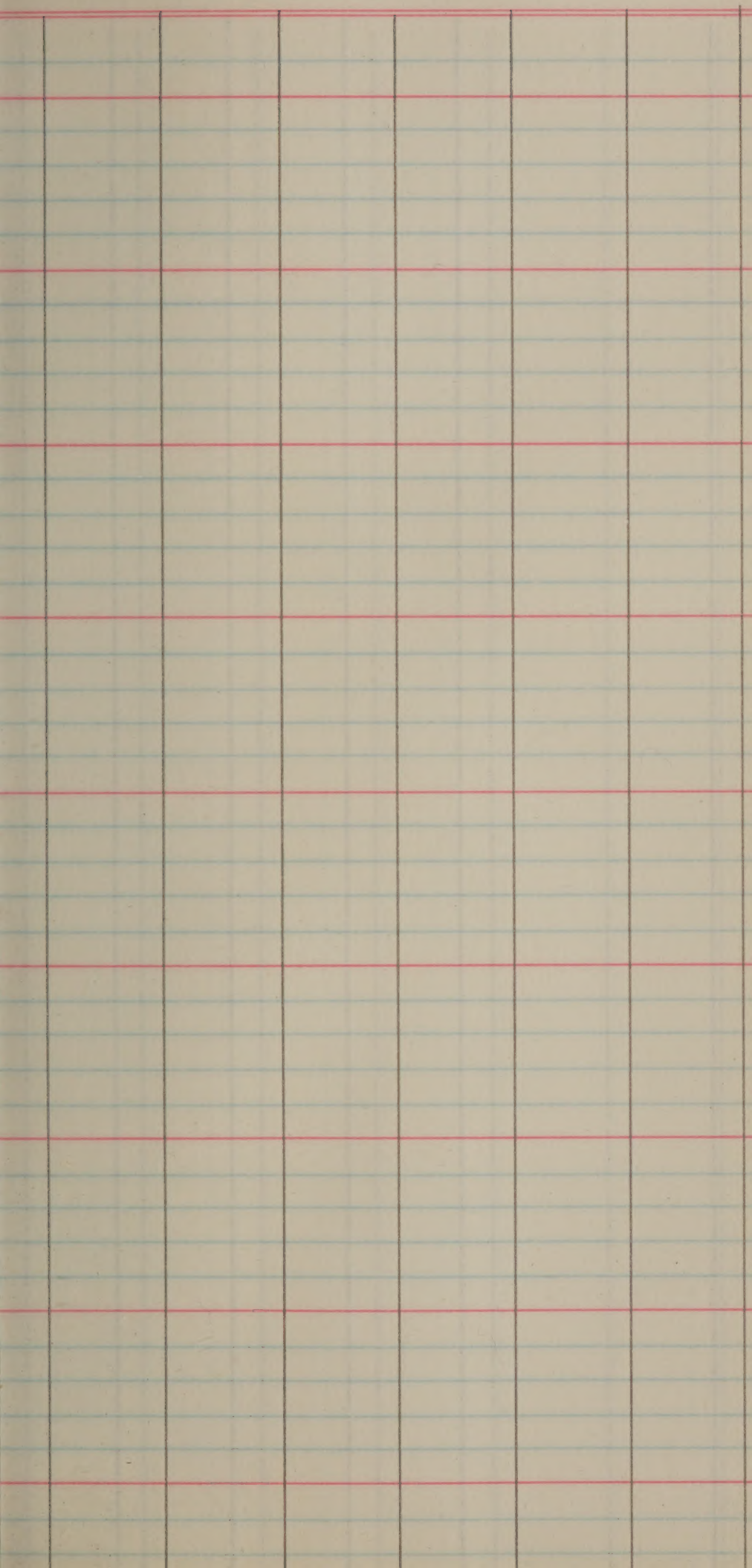


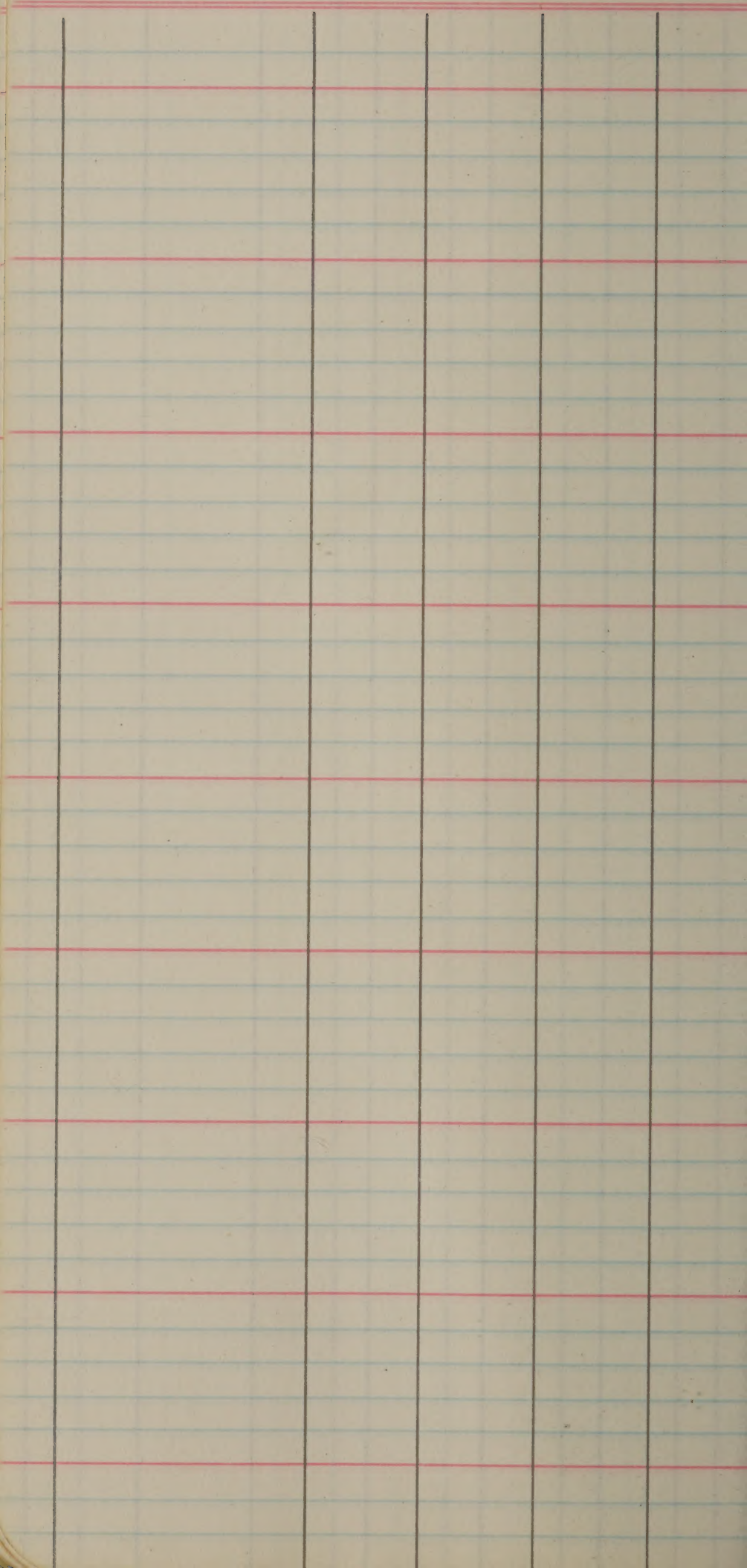






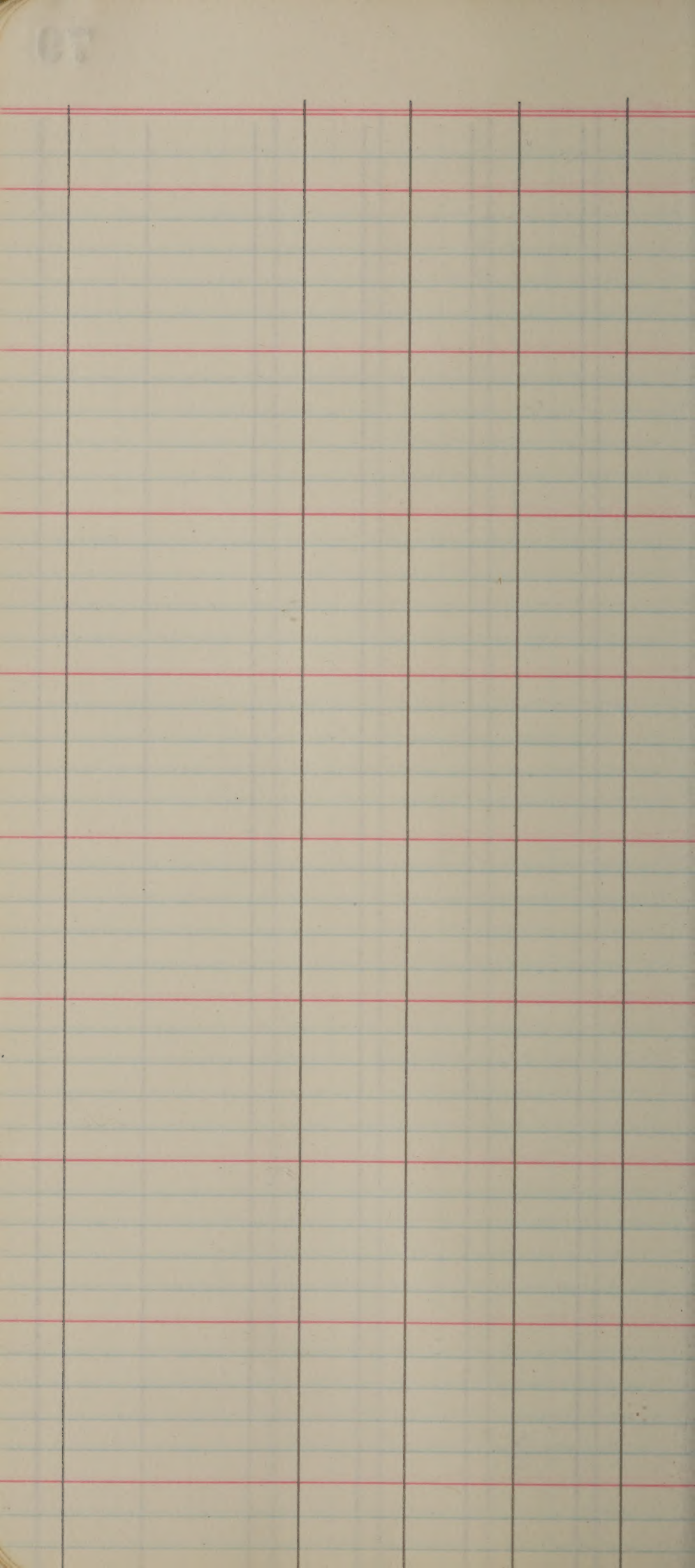




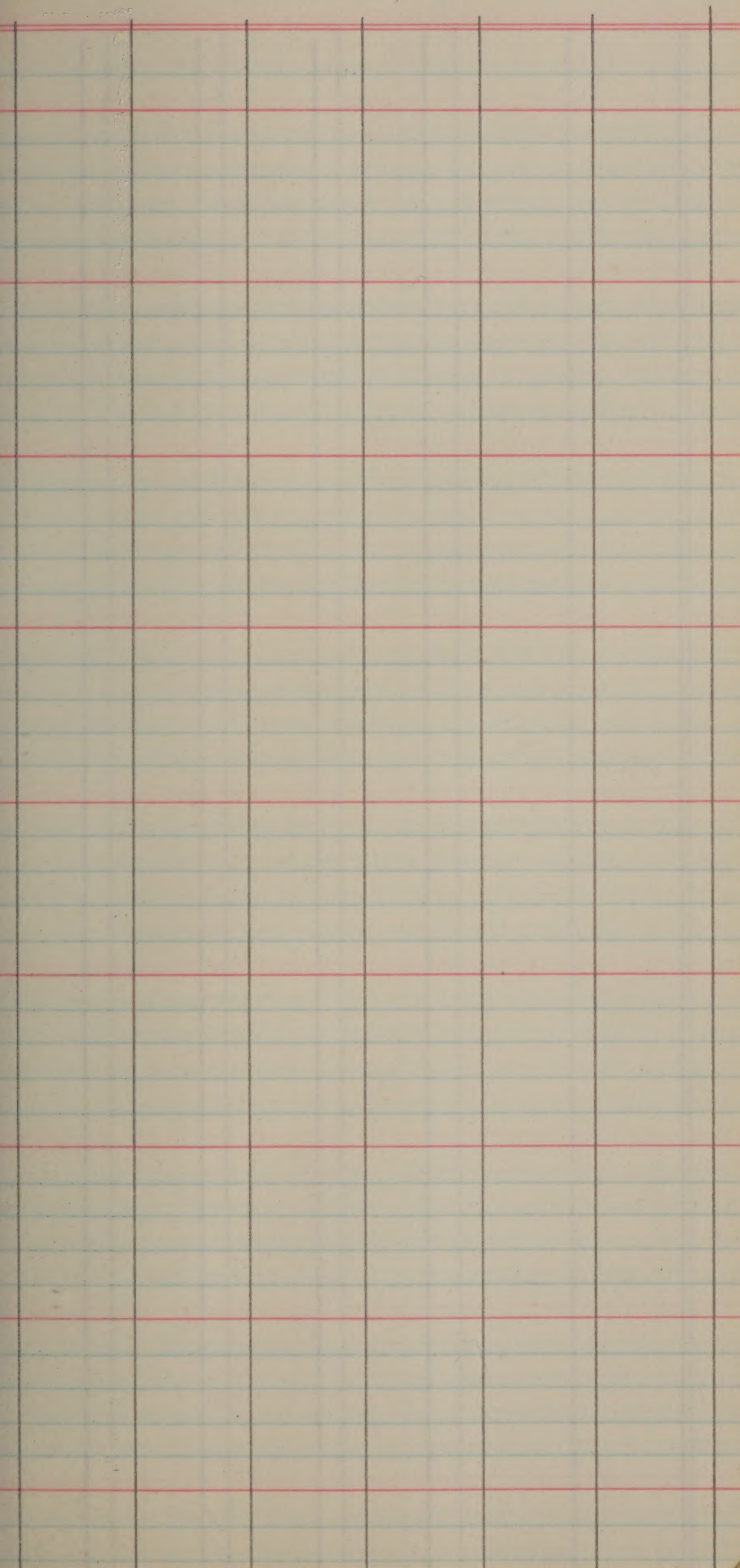


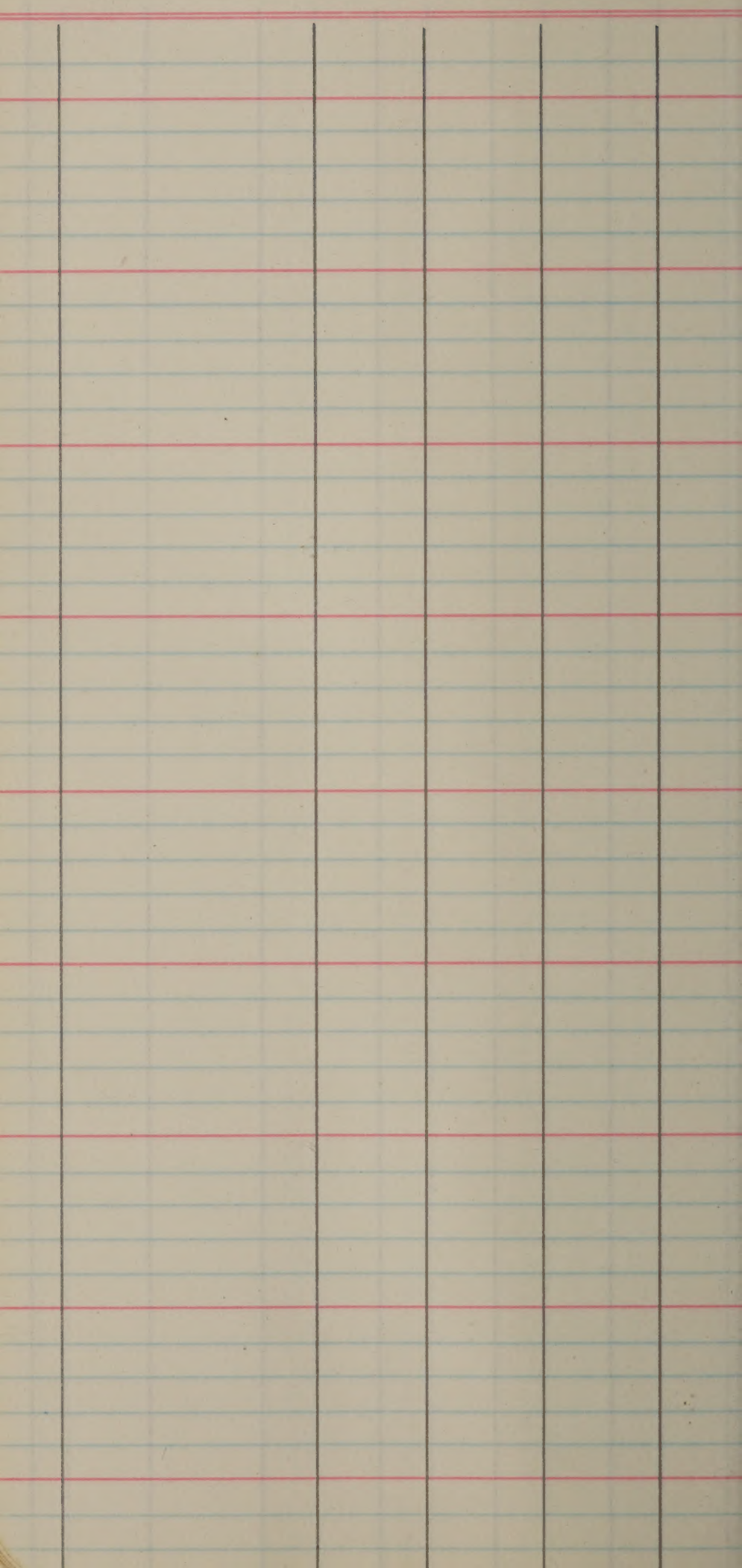




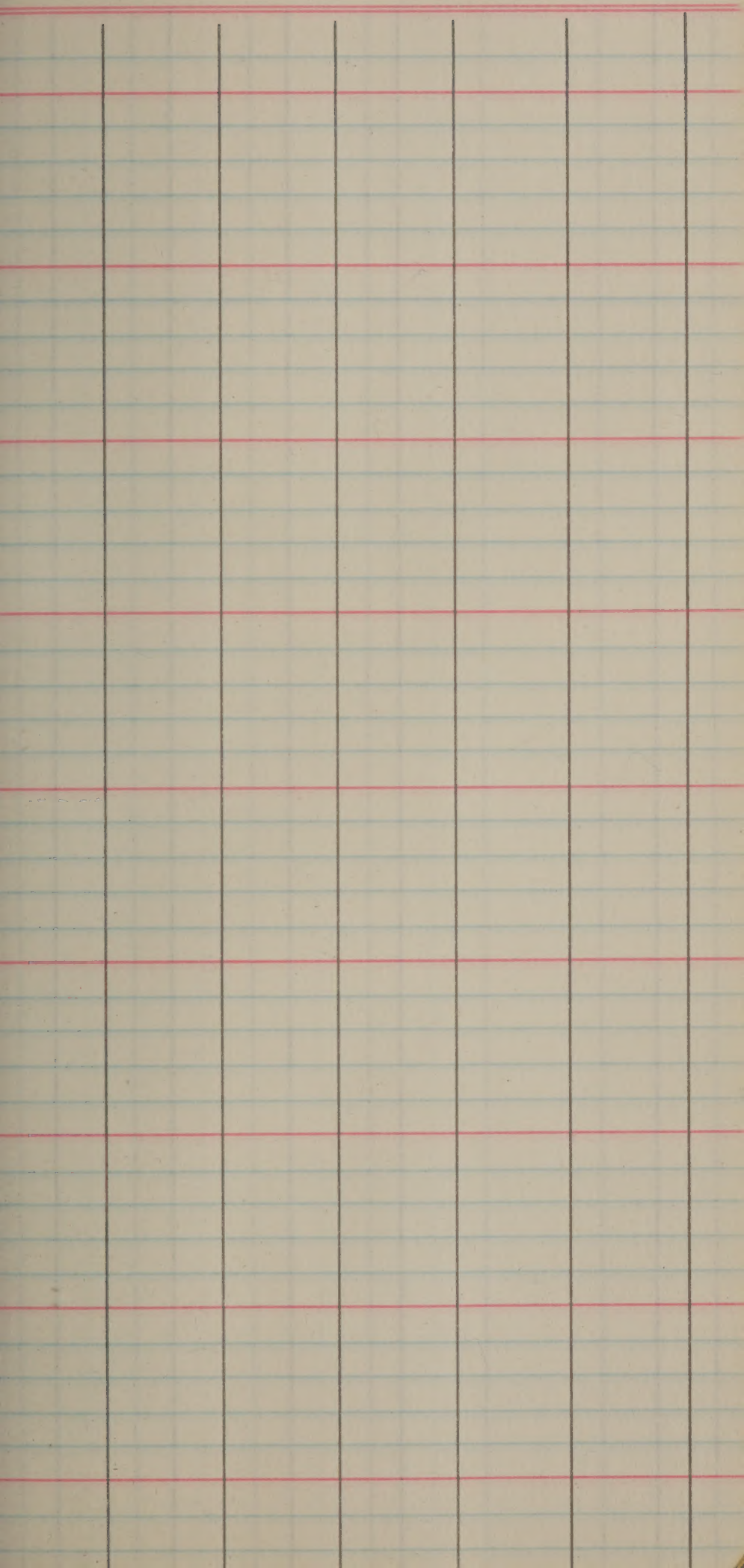


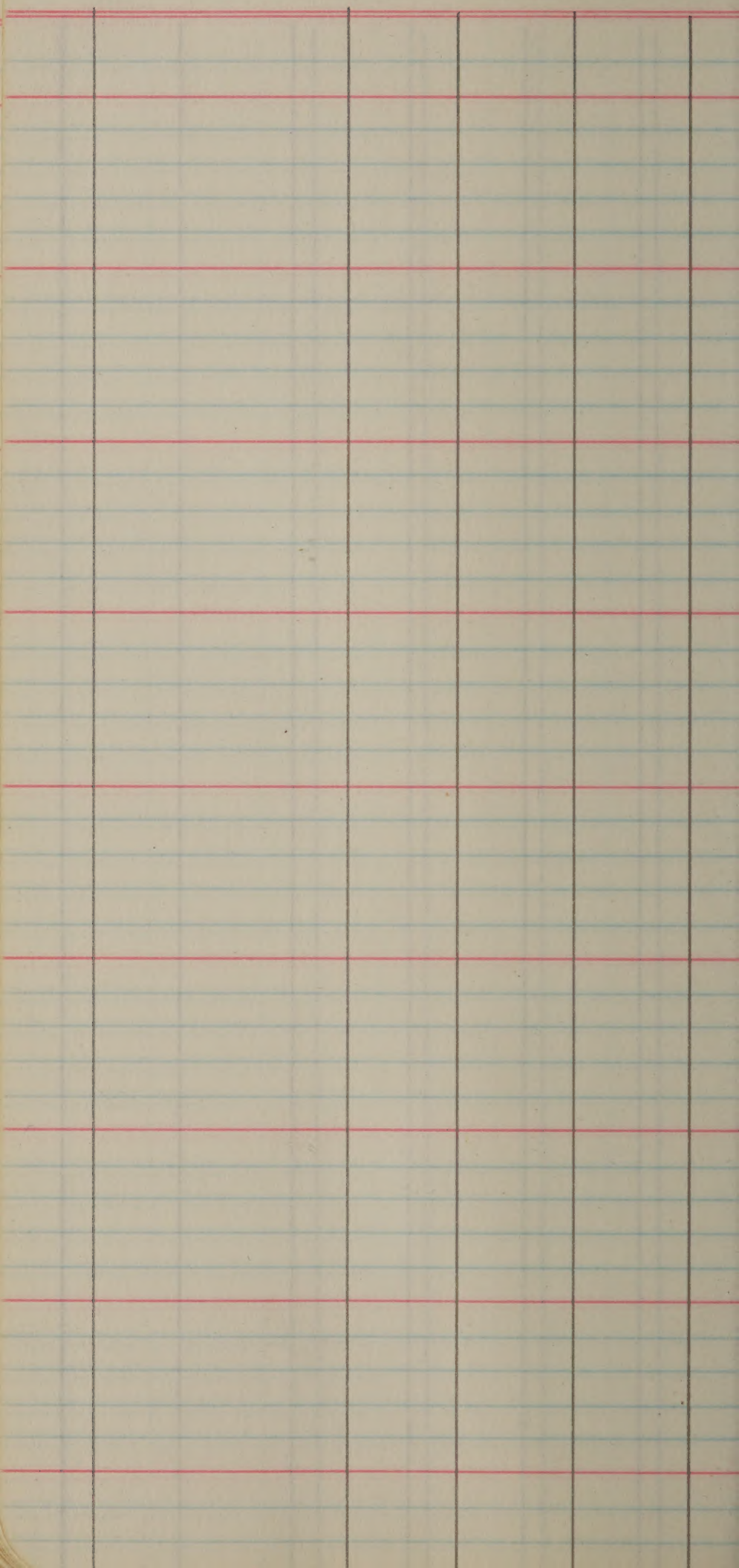




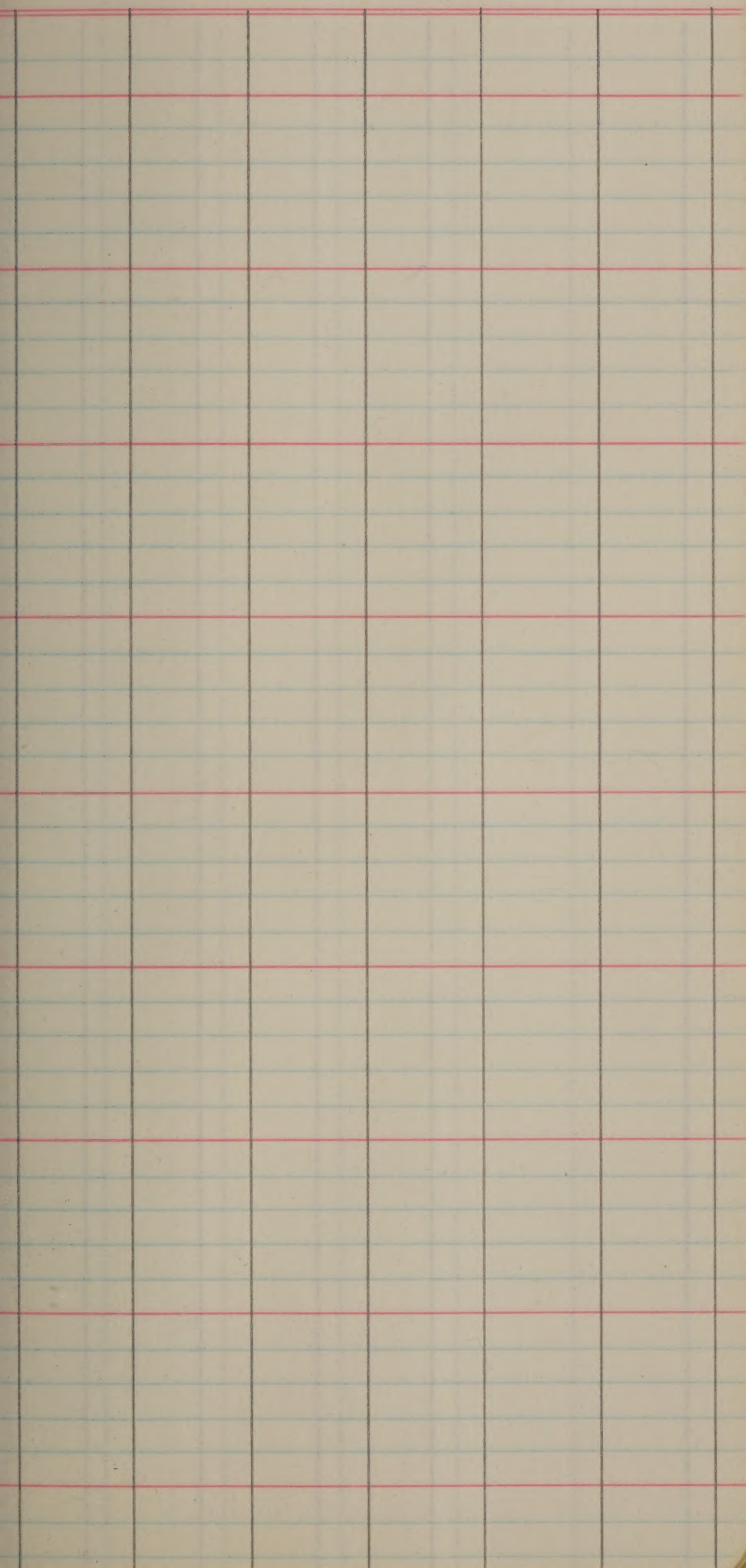


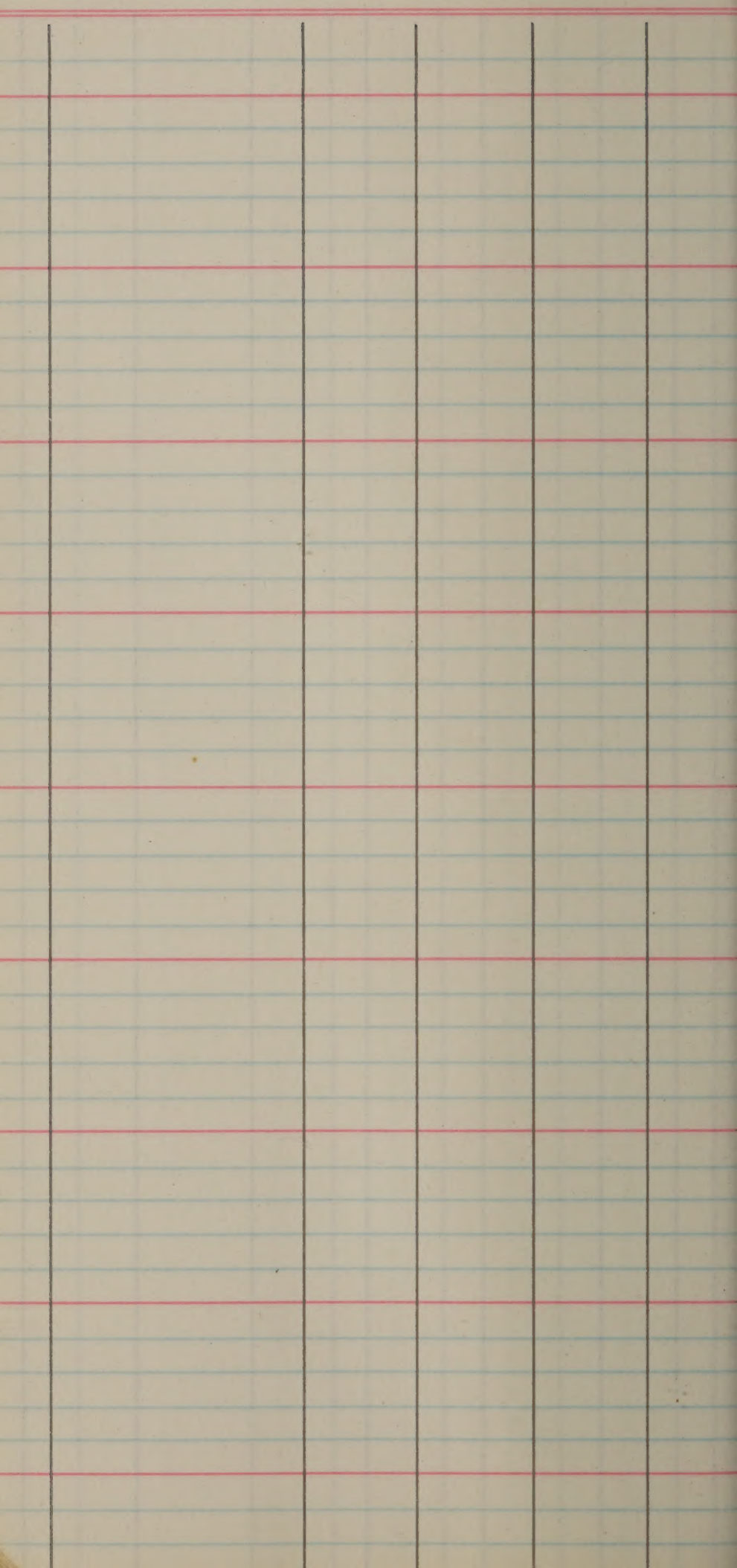




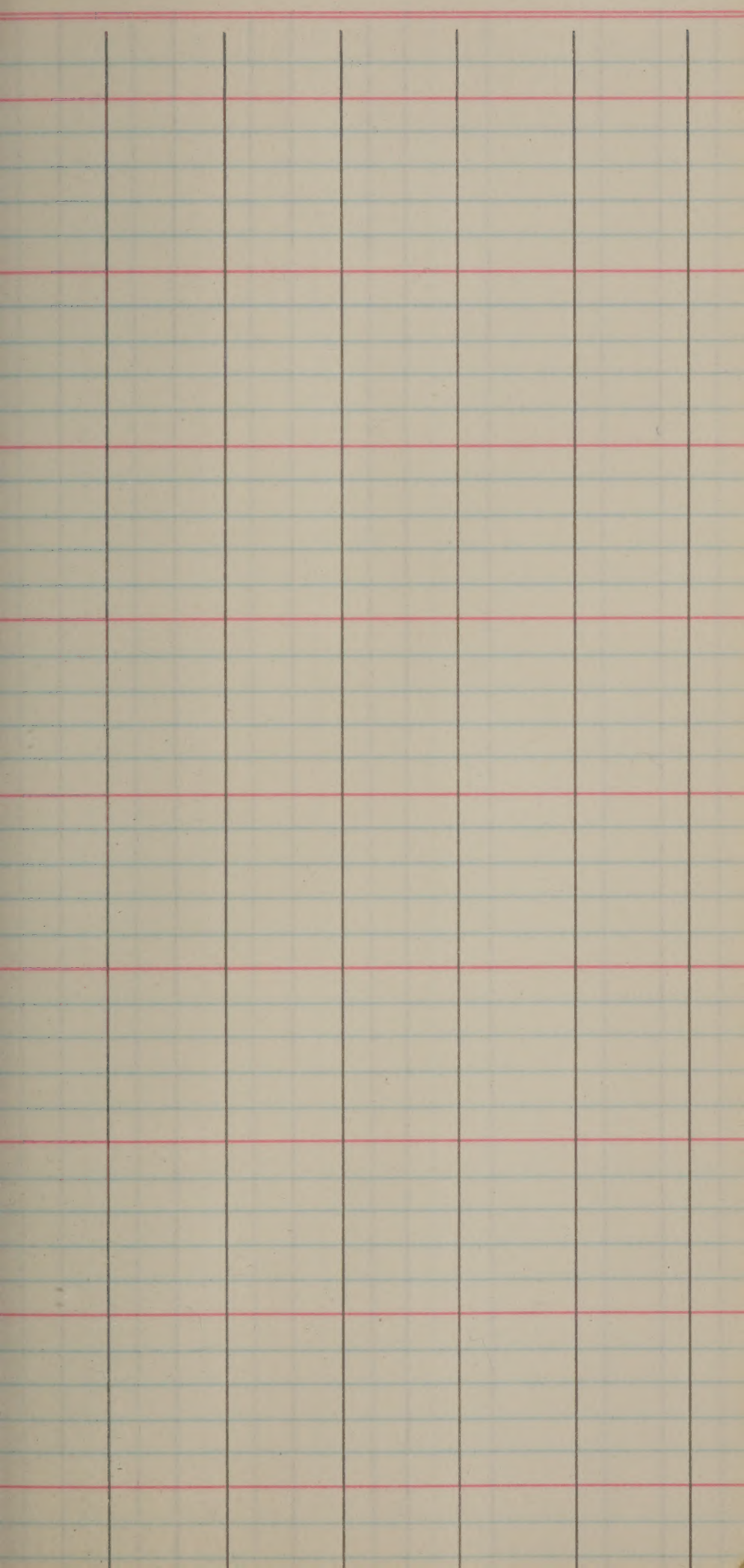


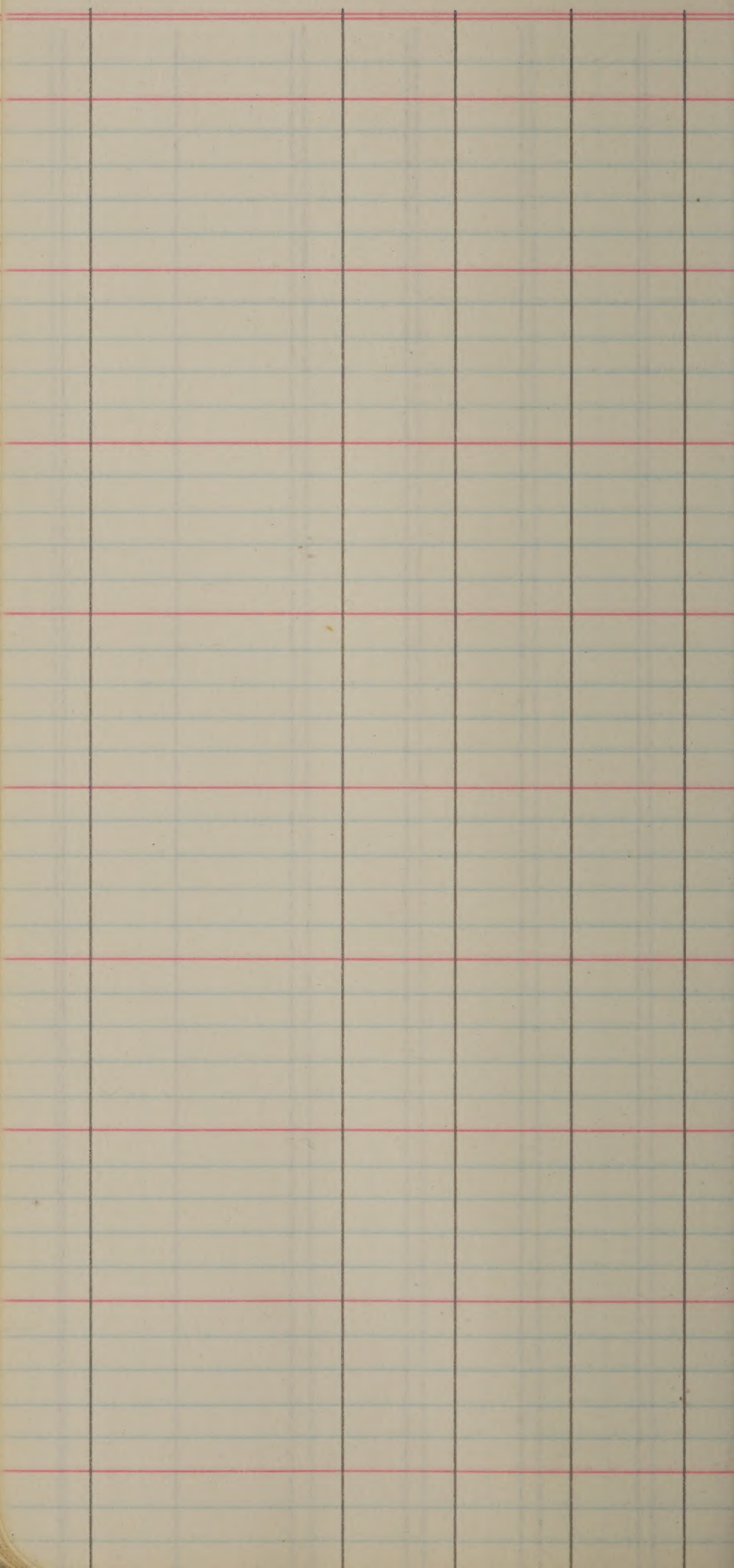






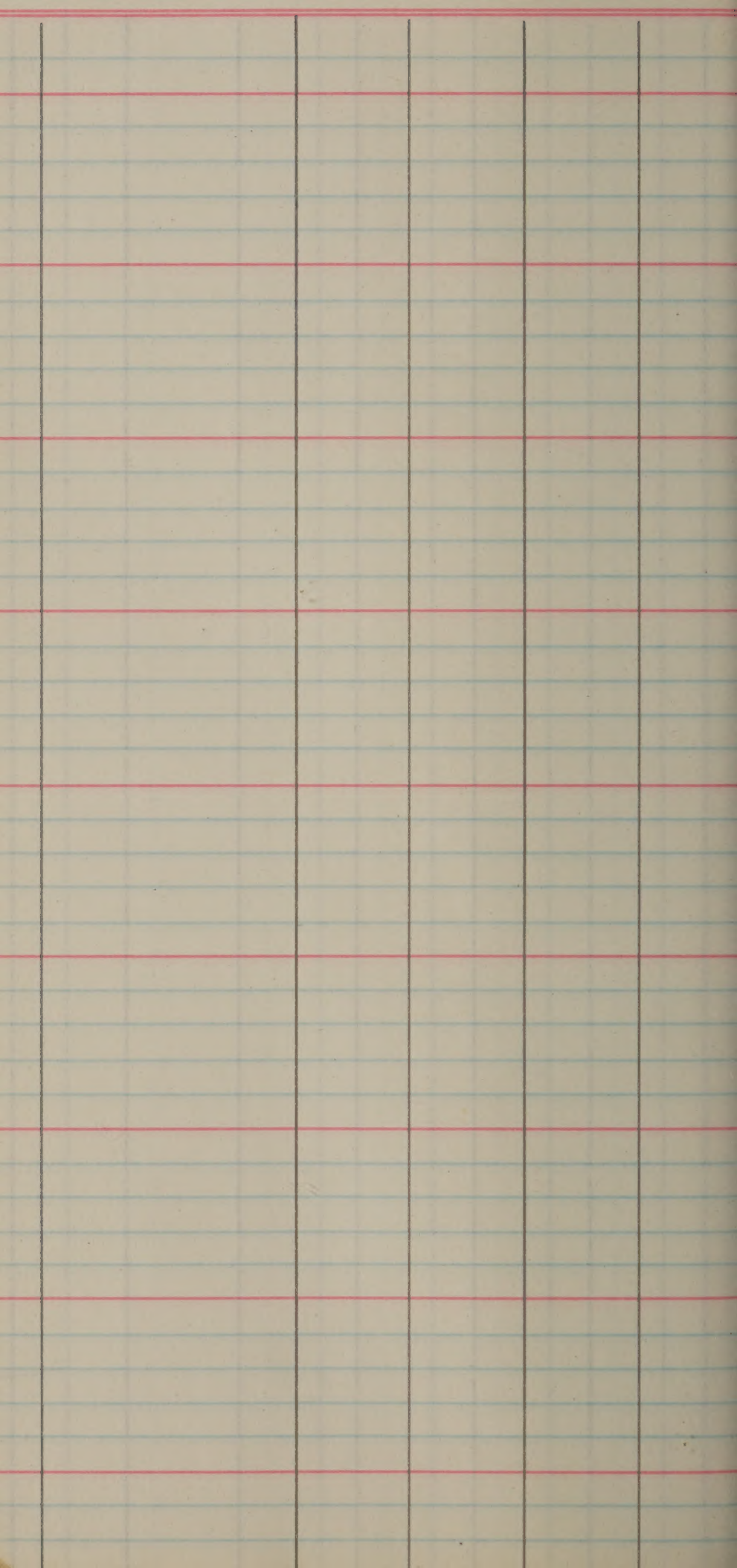






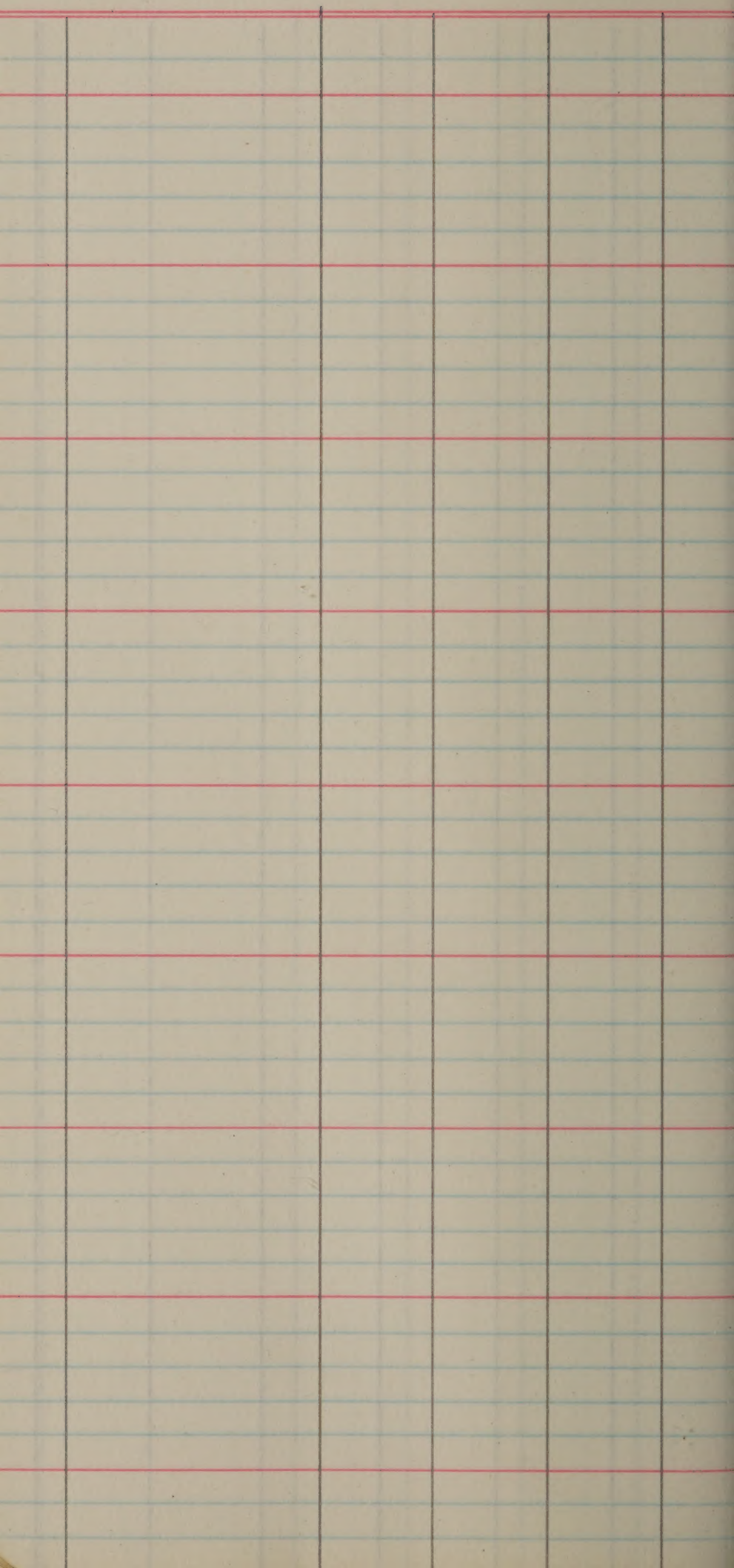




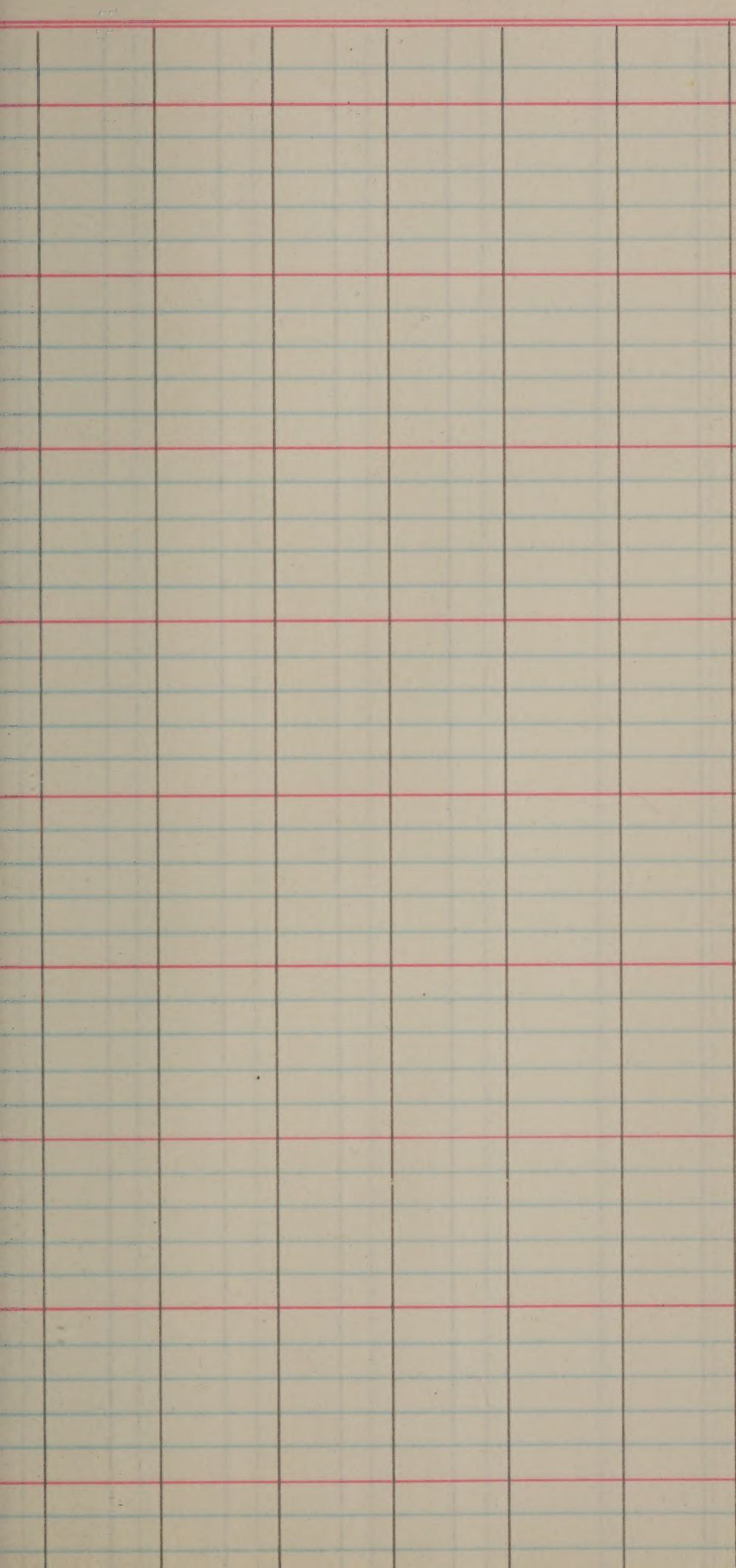


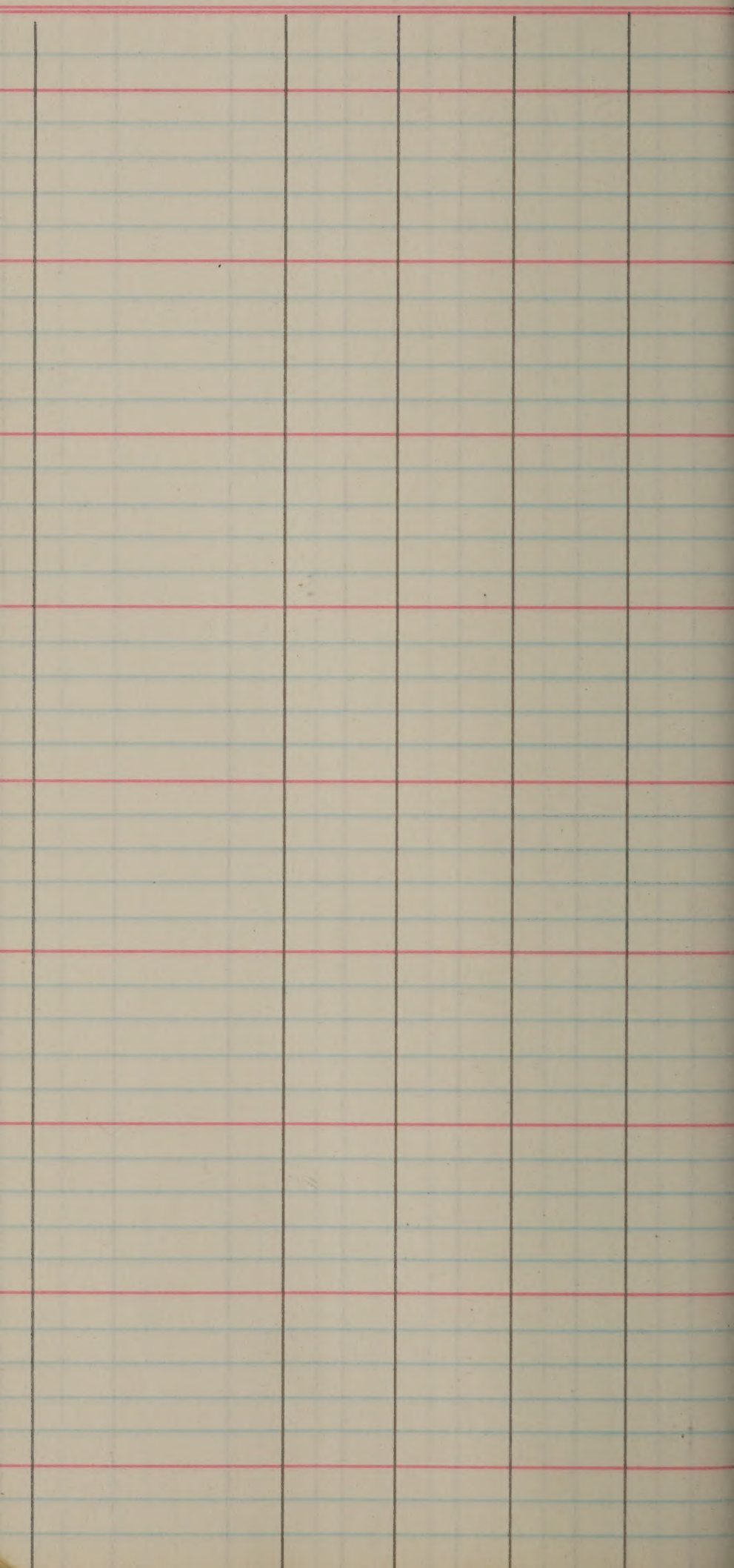




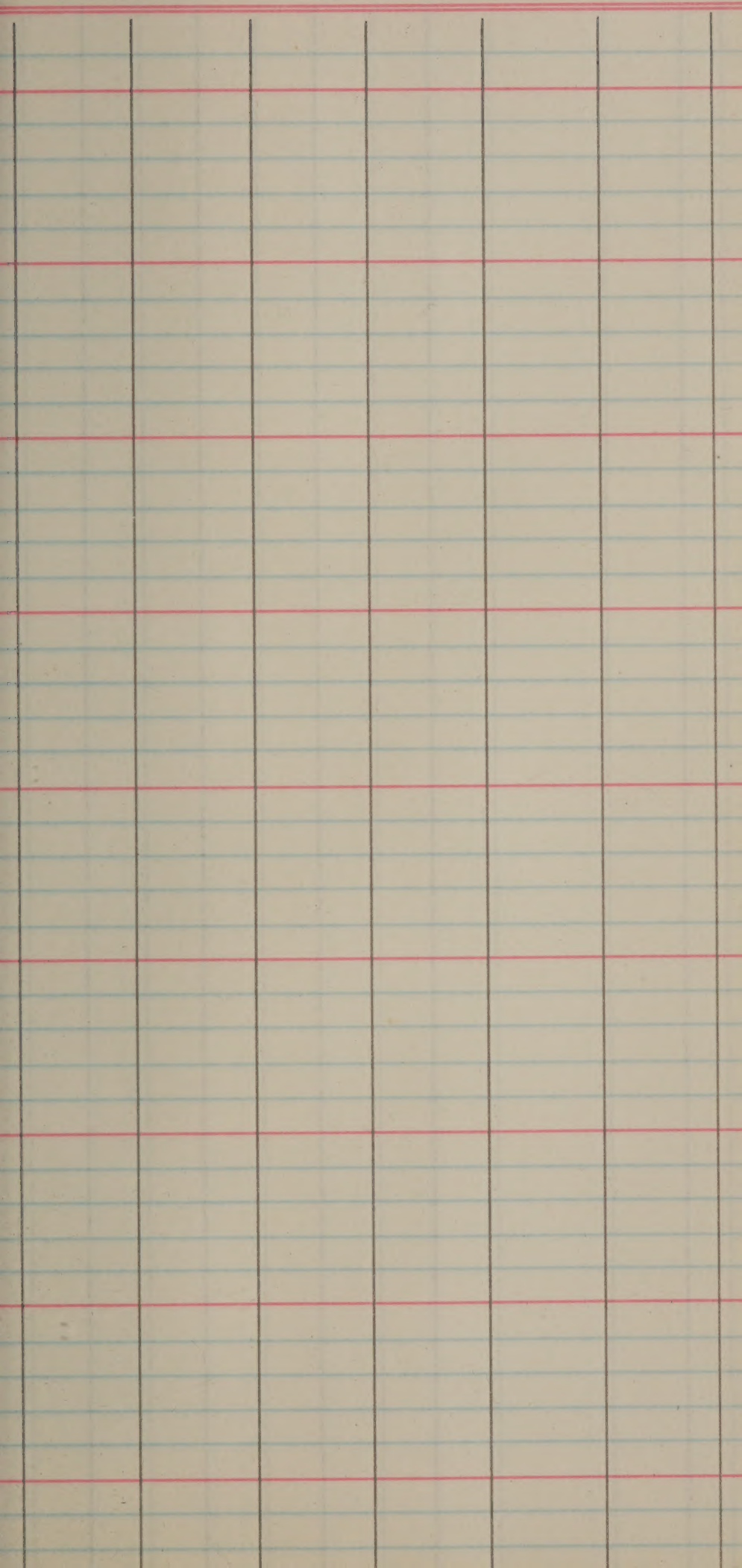






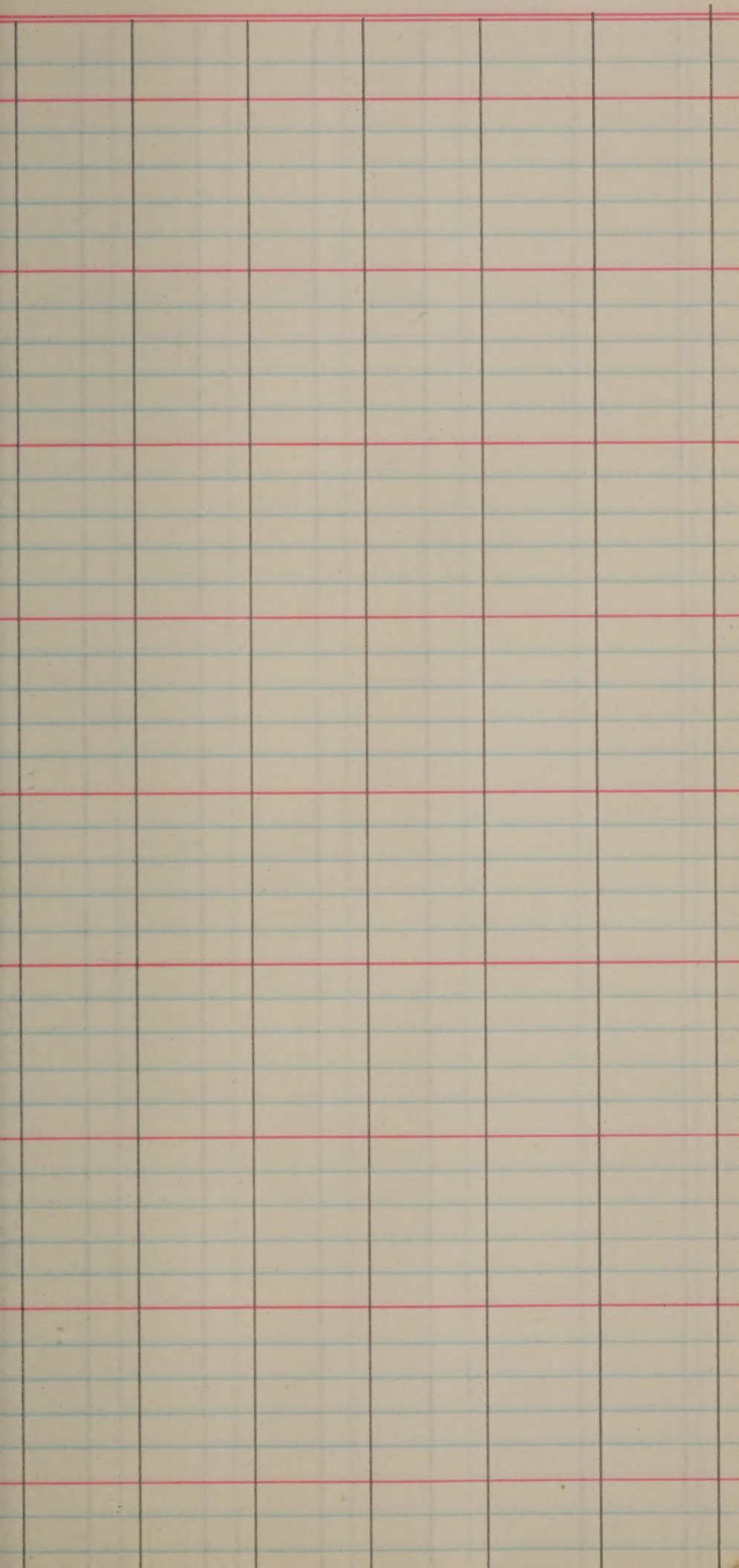


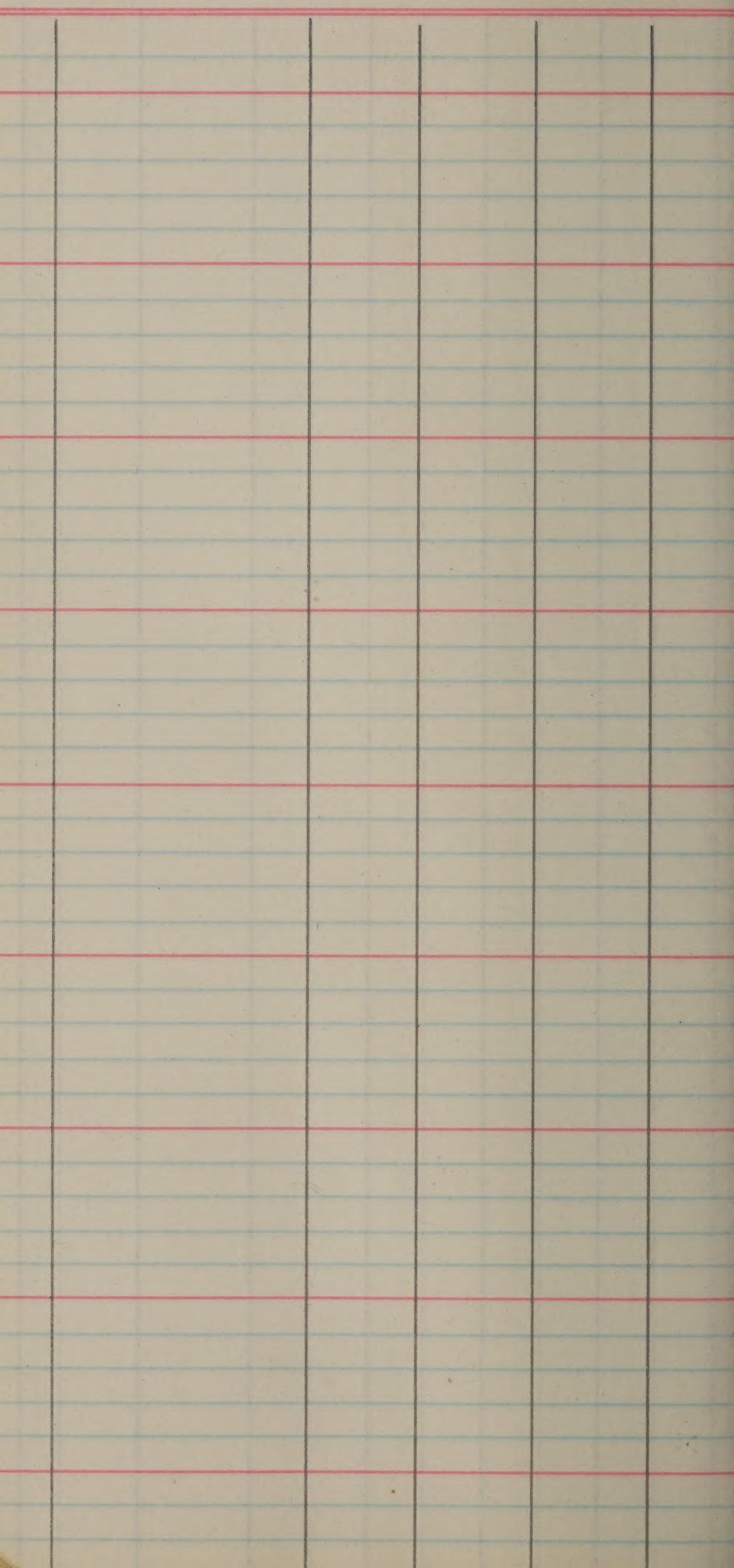




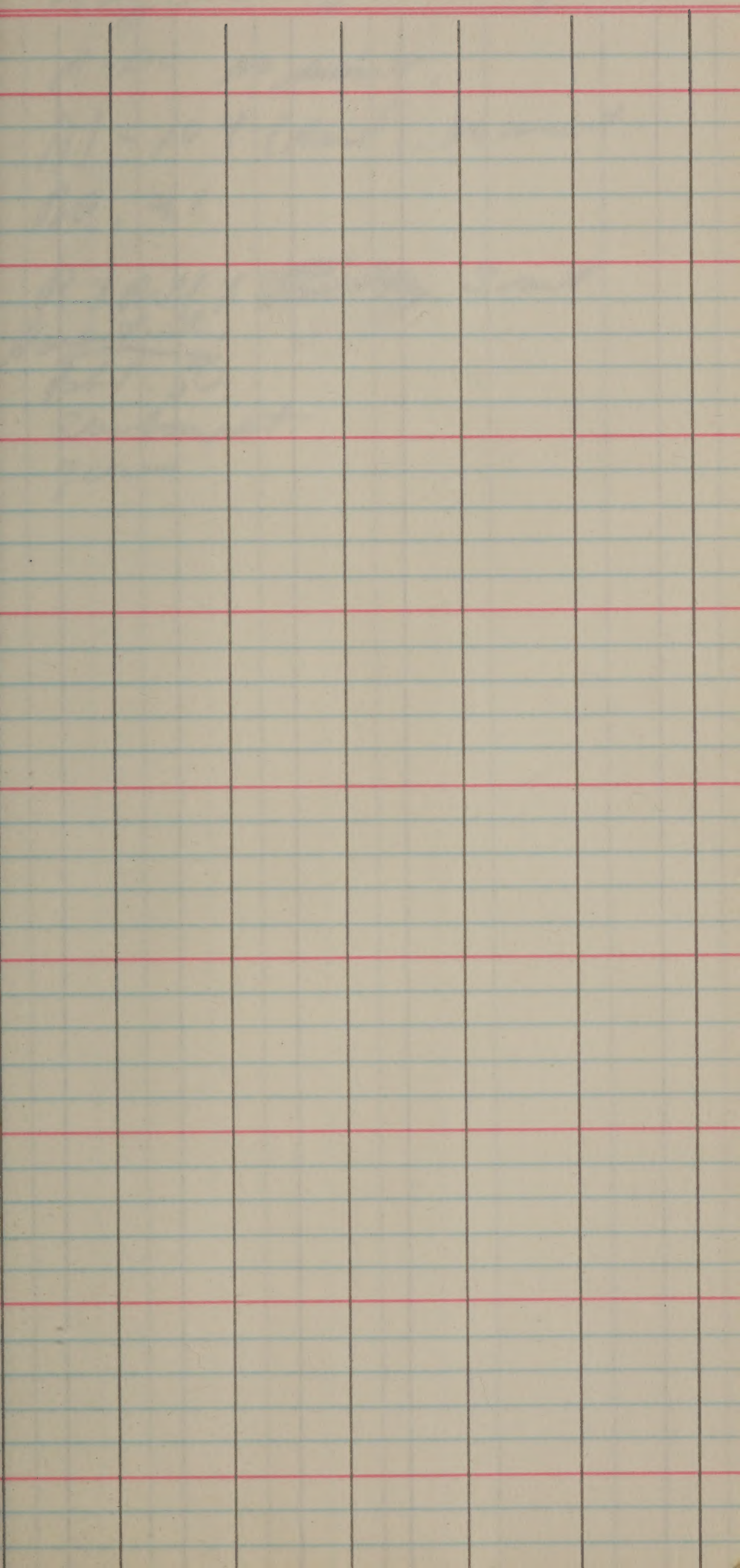


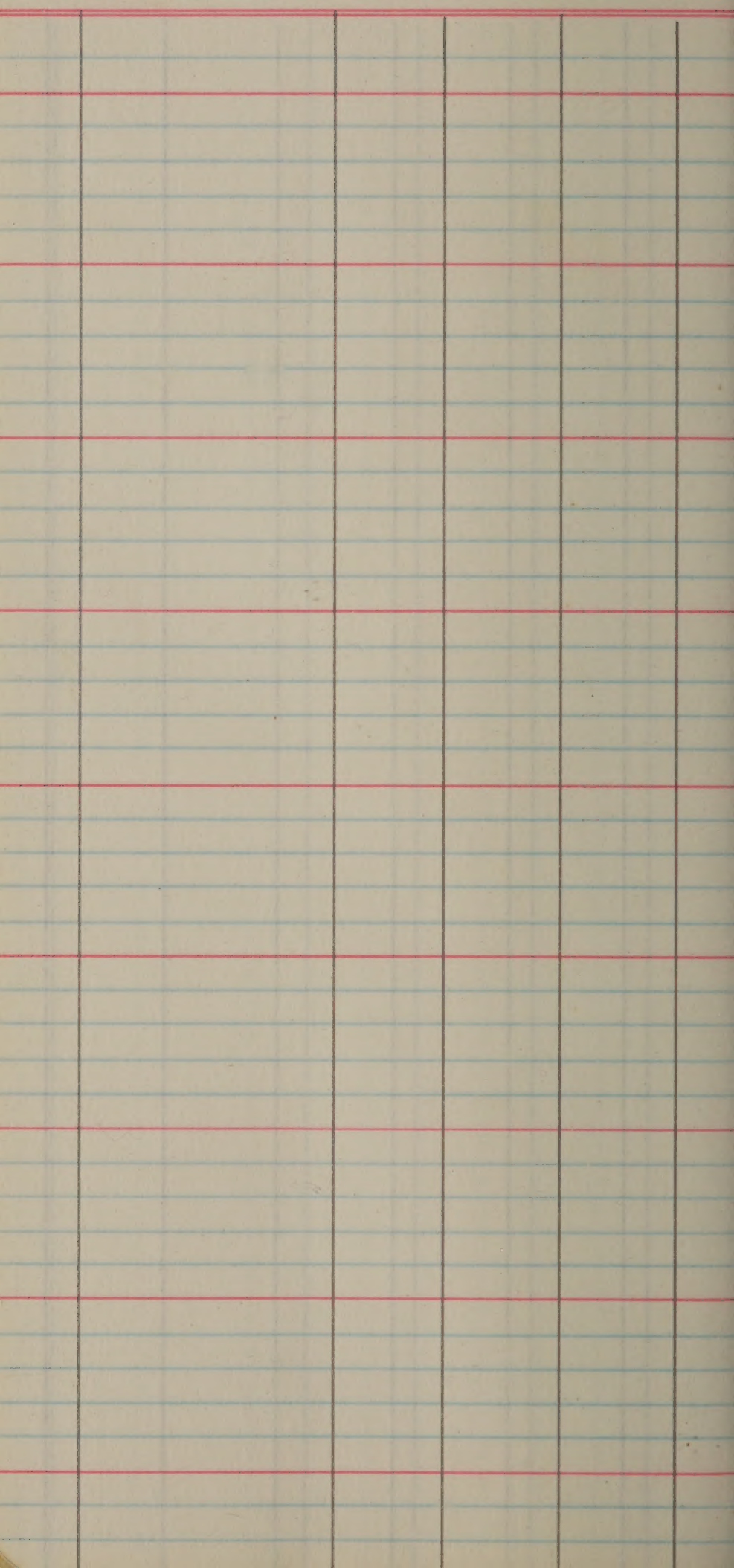














9-29

90

May Seeding - Crowley

R-D- No sowing.

A1-104 (Pmt). No sowing.

BR. 41

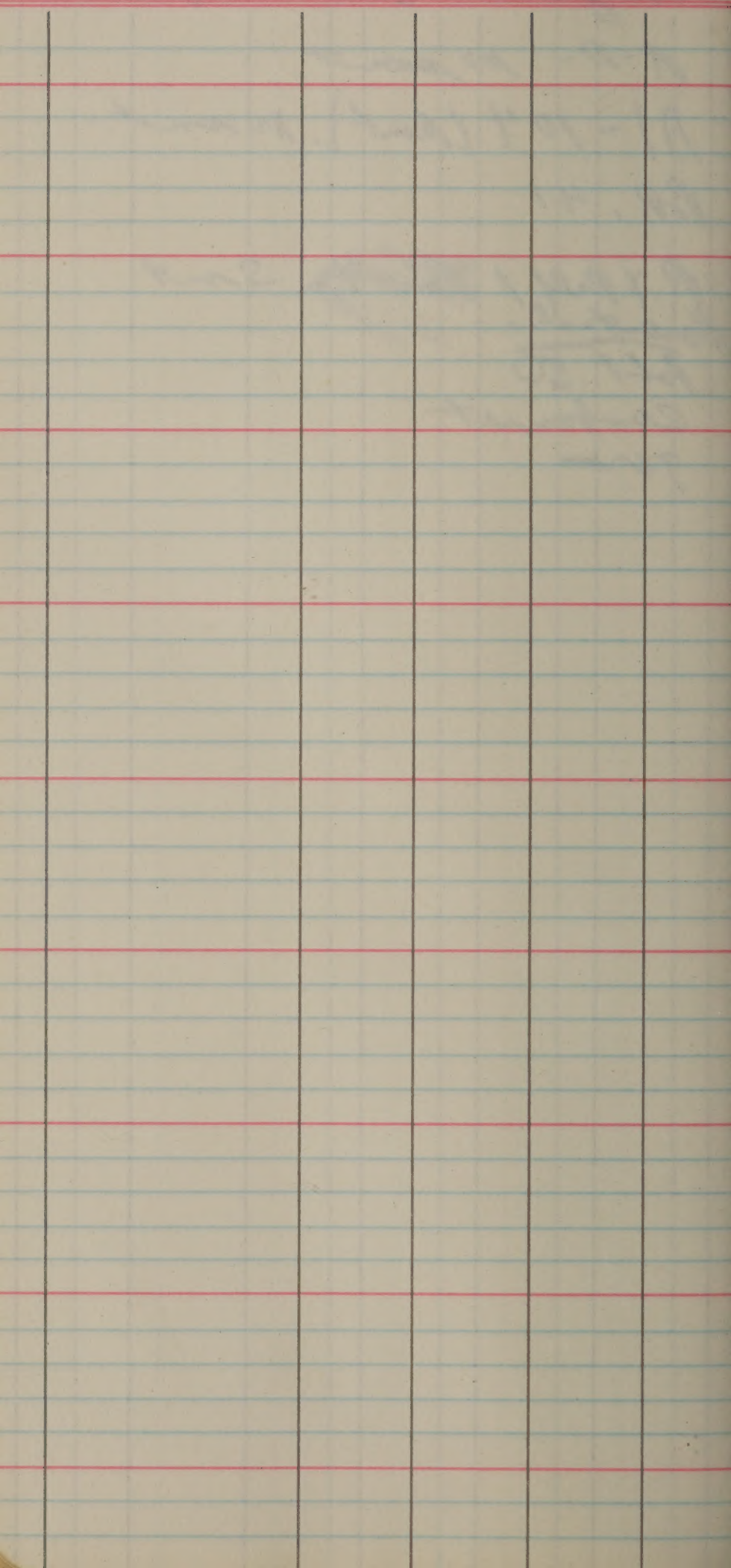
R x Pref x Gr 4. Sowing.

Roundtail.

Pst 1.50

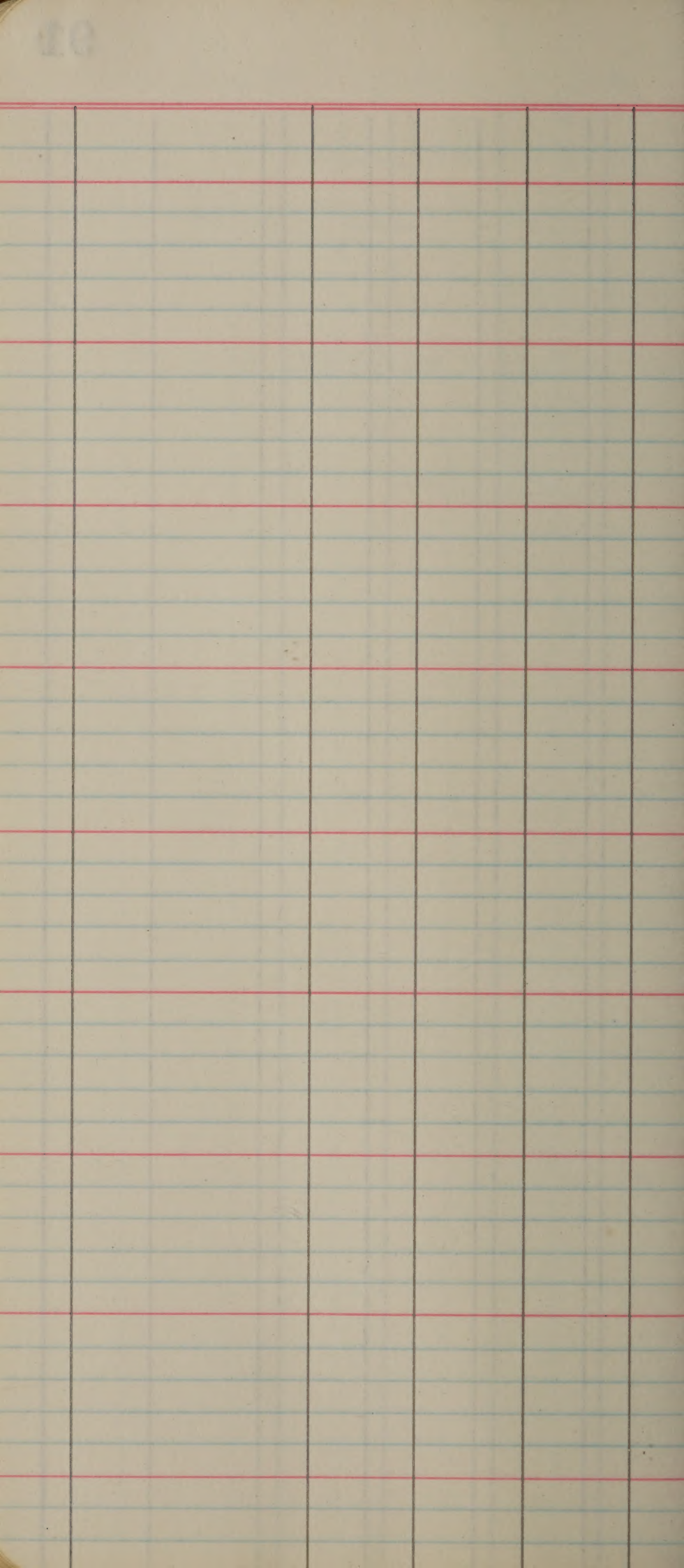
Sunbonnet

7000



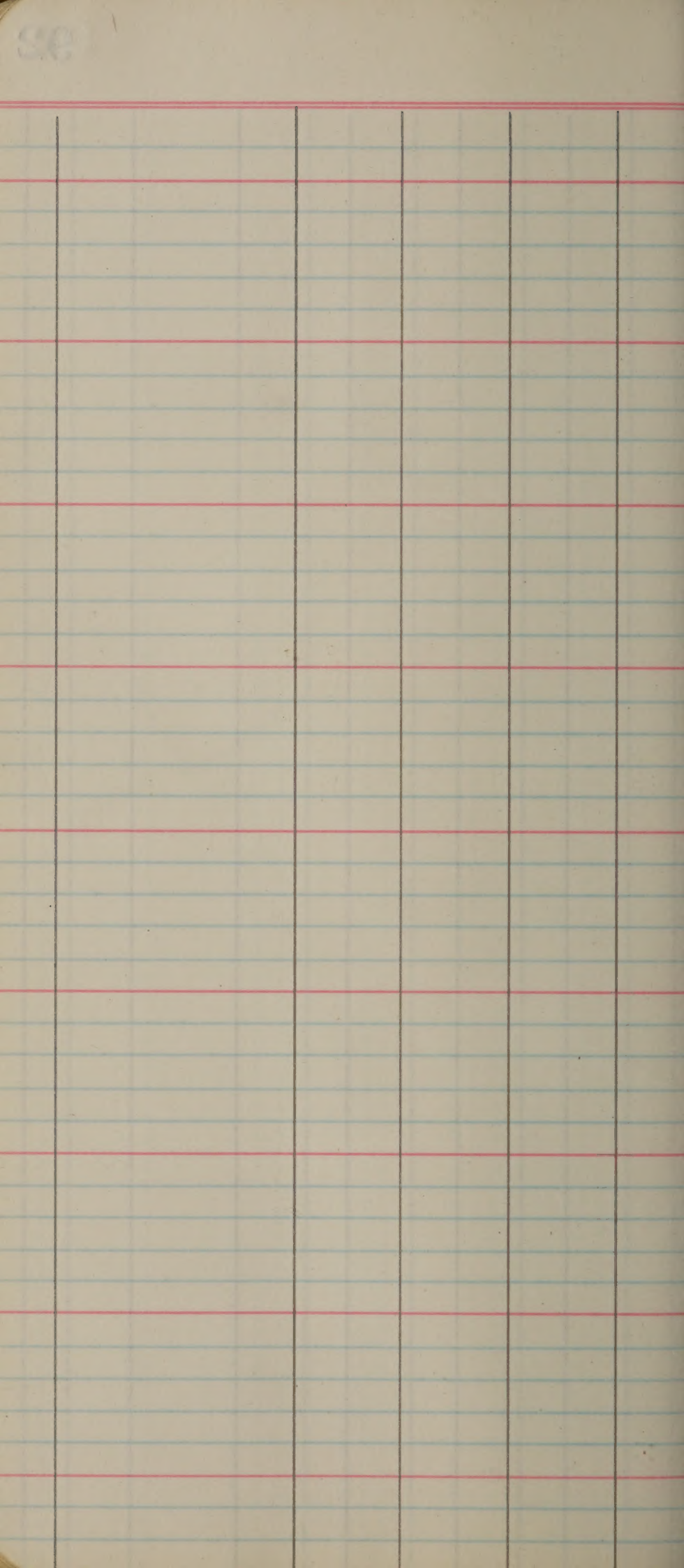




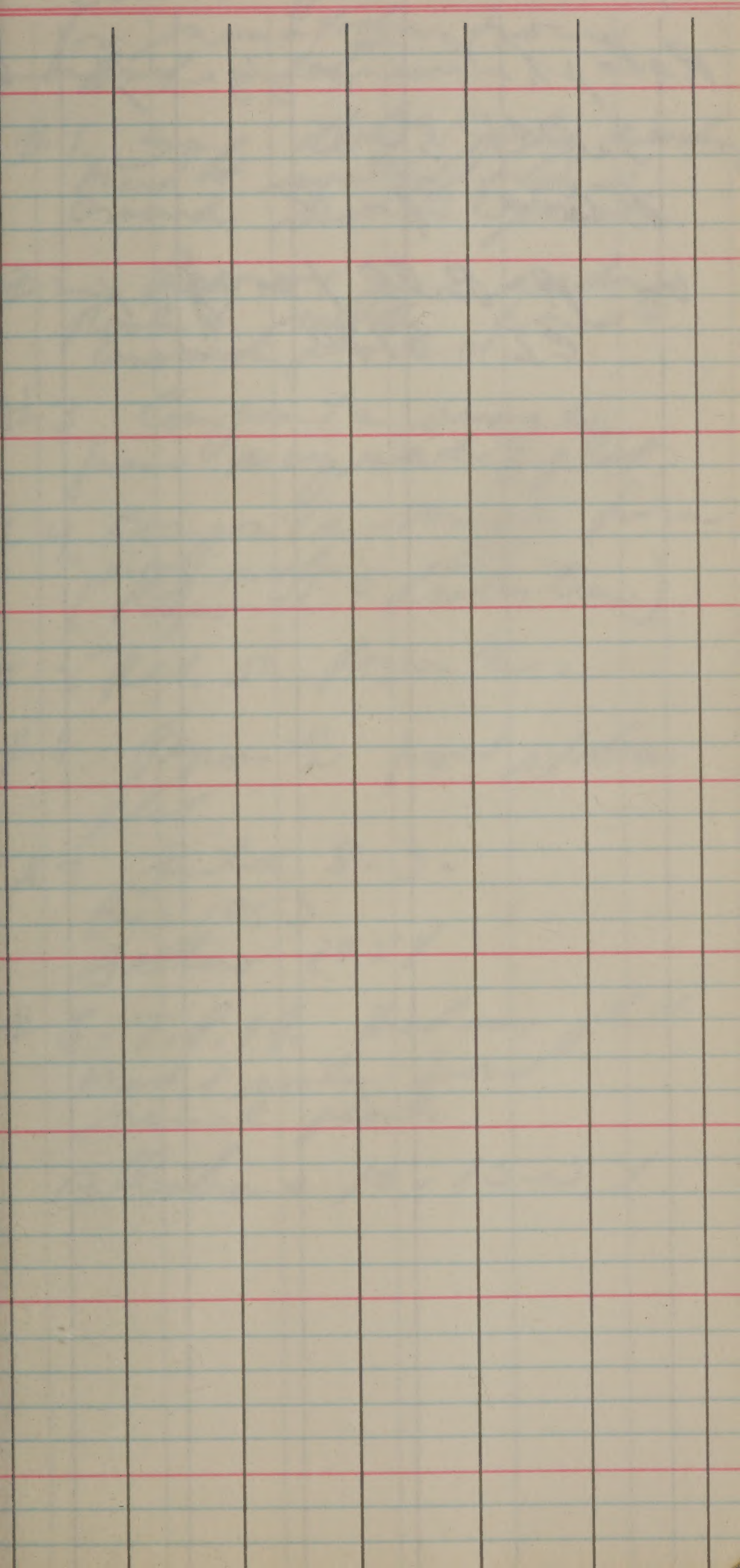












11-10-54

*Relophalus oxyza* pond

in Field S-5

Block 7-W

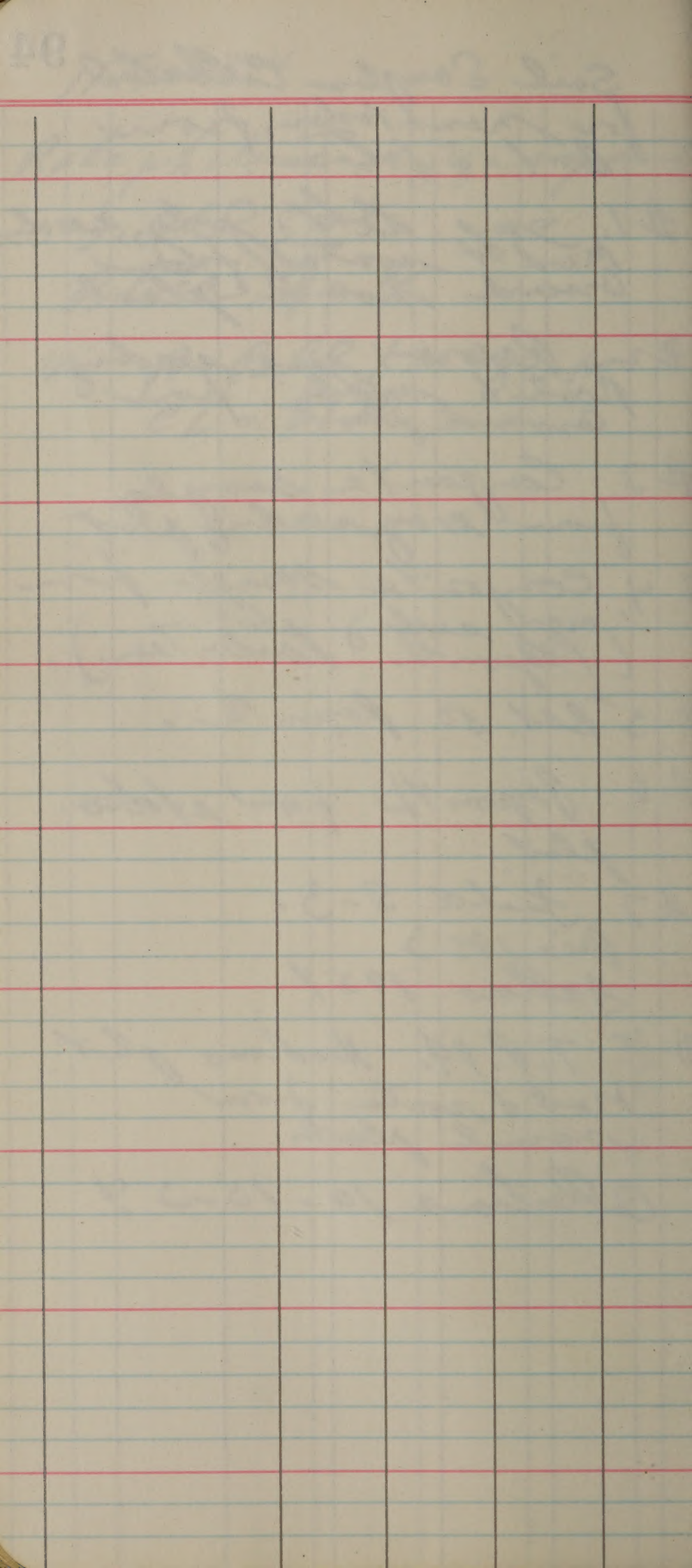
on R-Prft X mag +

CI-8970

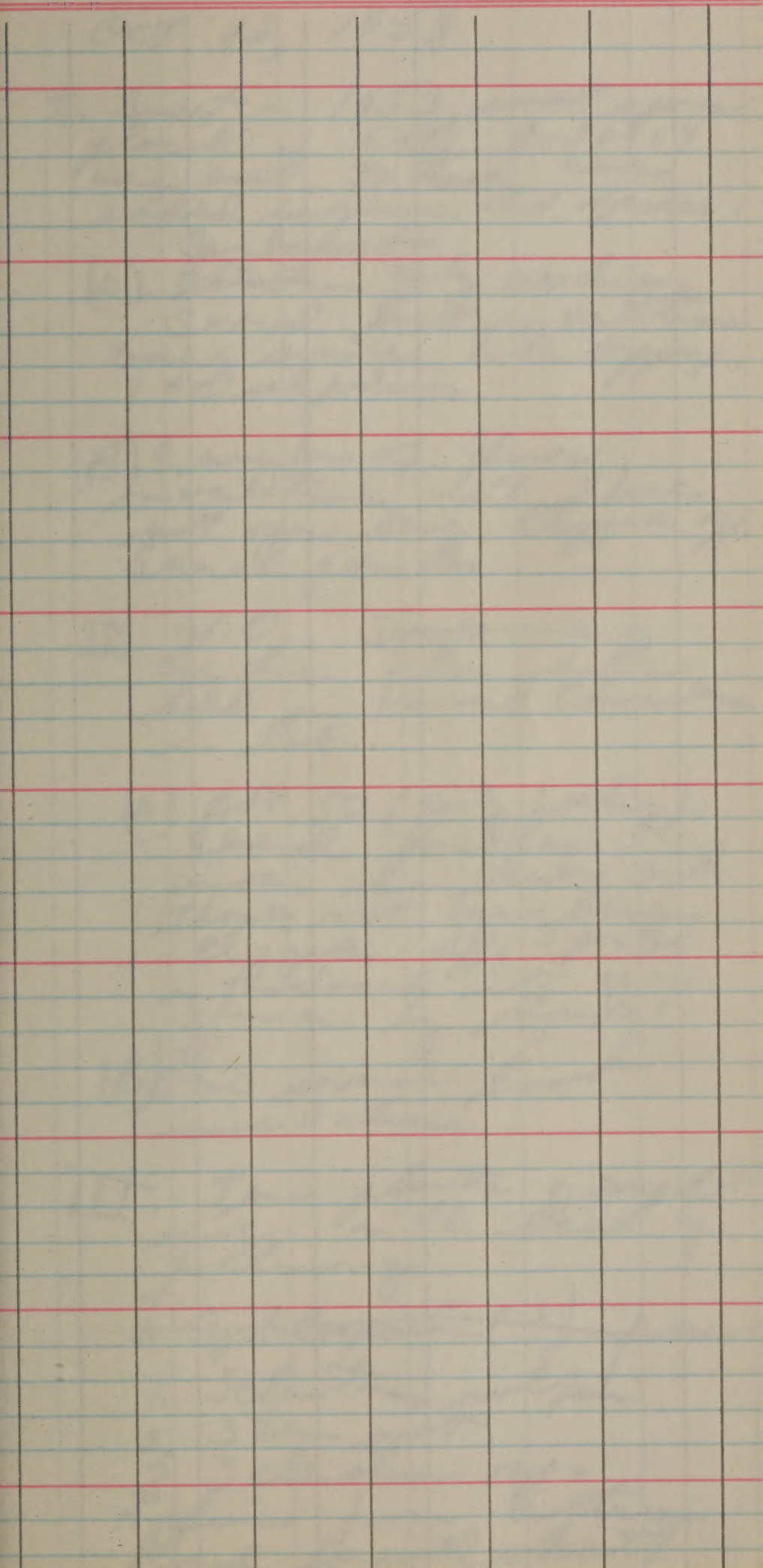


# Soil Samples Collected for nematodes from Bent Station.

- #1. Imp. Bt. July seed  
Mud & water from  
around normal plants.
  - #2. Reporo. June seedling.  
Roots & mud from  
around plants.
  - #3 Composite samples  
from May seedling plot.
  - #4 Composite sample from  
(May seedling plot  
(Regrowth & volunteer)).
  - #5 Bt. 50. Regrowth.
  - #6 Regrowth from station  
plot.
  - #7. Field 8-3.  
Pure 1953  
Yellow 1954
  - #8. T.P. 49. Hudson plot.  
Mud & roots from  
normal plants.
- Collections 10-15-54











## Inoculations - Blauvelt

Oct 13, 1954

I. Sweet - 1953 sweet spores placed in water 9-20-54 were used. 70 These were added to germinated spores.

Surfboard

(A). ~~Bt 7.50~~ in July seedling. Several boot inoculations using syringe with approx. 1 cc suspension.

(B) a number of flower inoculations with those not open being clipped off. Several panicles.

II. H.O. Suspension of conidia from hulls held in moist chambers in lab.

(A) Bt 7.50 (July seedling). Several panicles inoc. in flower with those not open being clipped off. Spores introduced into open glumes by syringe.

(B) also several boot inoculations.

III. Ten plants of var Bt rice with each of following:

1. ~~Cyphosporium (?) pan~~

1. Sclerotium rolfsii

2. Stem rot

3. Sclerotium sp.

Myelium from cutting blood beneath sheath



with tag tied on leaf.  
IV. Ten plants Bbt. 50  
inoc. with *Aphelospium*  
from Bbt. 50 field near  
Alvin  
conidial suspension (being  
introduced by syringe into  
base of plant (care not taken  
to introduce spores into  
internode). Bots of these  
plants also inoc.

10-26-54.

*S. rolfsii*. Fairly good infection  
on plants on most of plants.  
Not 100% infection. Disease  
probably limited by cool  
weather + perhaps drying out  
between sheath & culm.

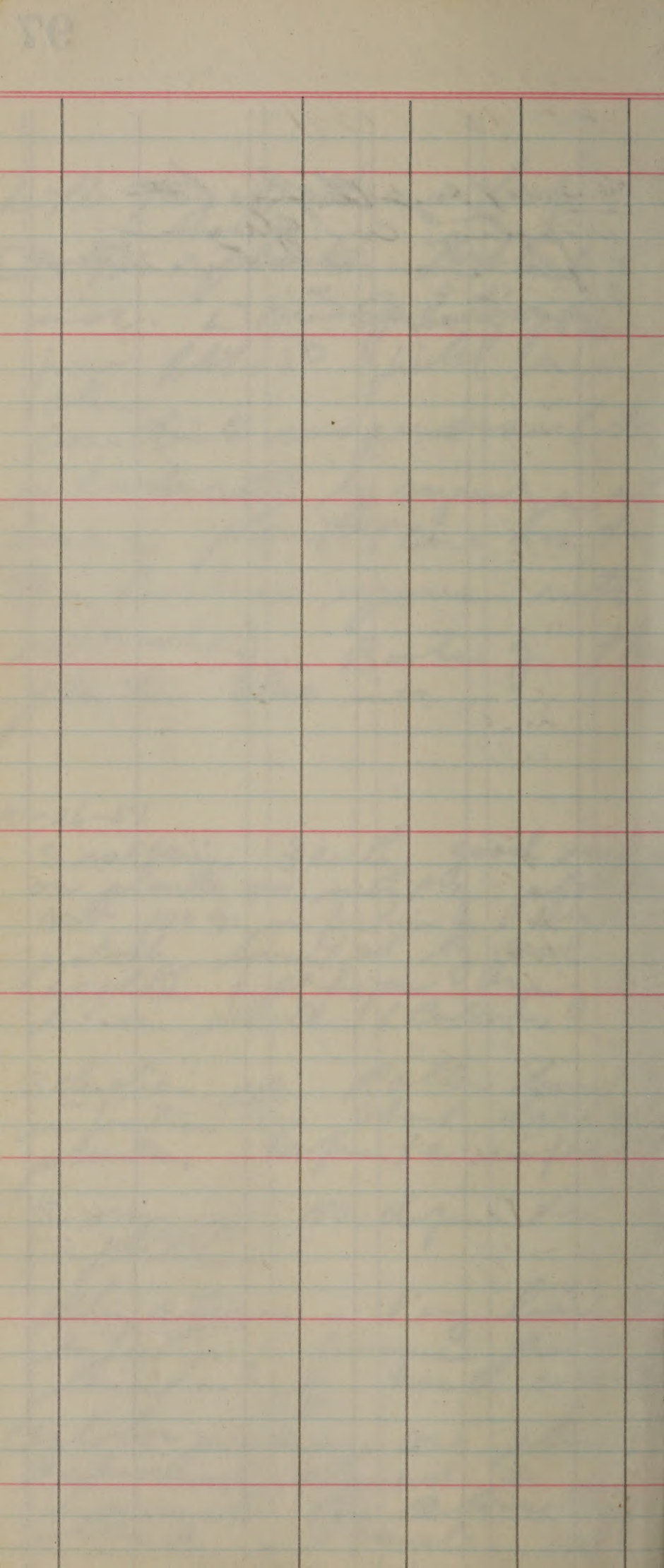
*Sclerotium* sp. Rather limited  
infection on about half of  
plants. Definite infection.

*S. oryzae*. No definite  
infection.

*Rhizatonema* - Very limited  
infection. Fungus probably  
limited by cool weather.  
*Aphelospium*. One plant  
exhibited stunted &  
brownish discoloration  
inside internode.



Helv. Very definite  
infection on glumes  
of plants inoculated. None  
typical infection.

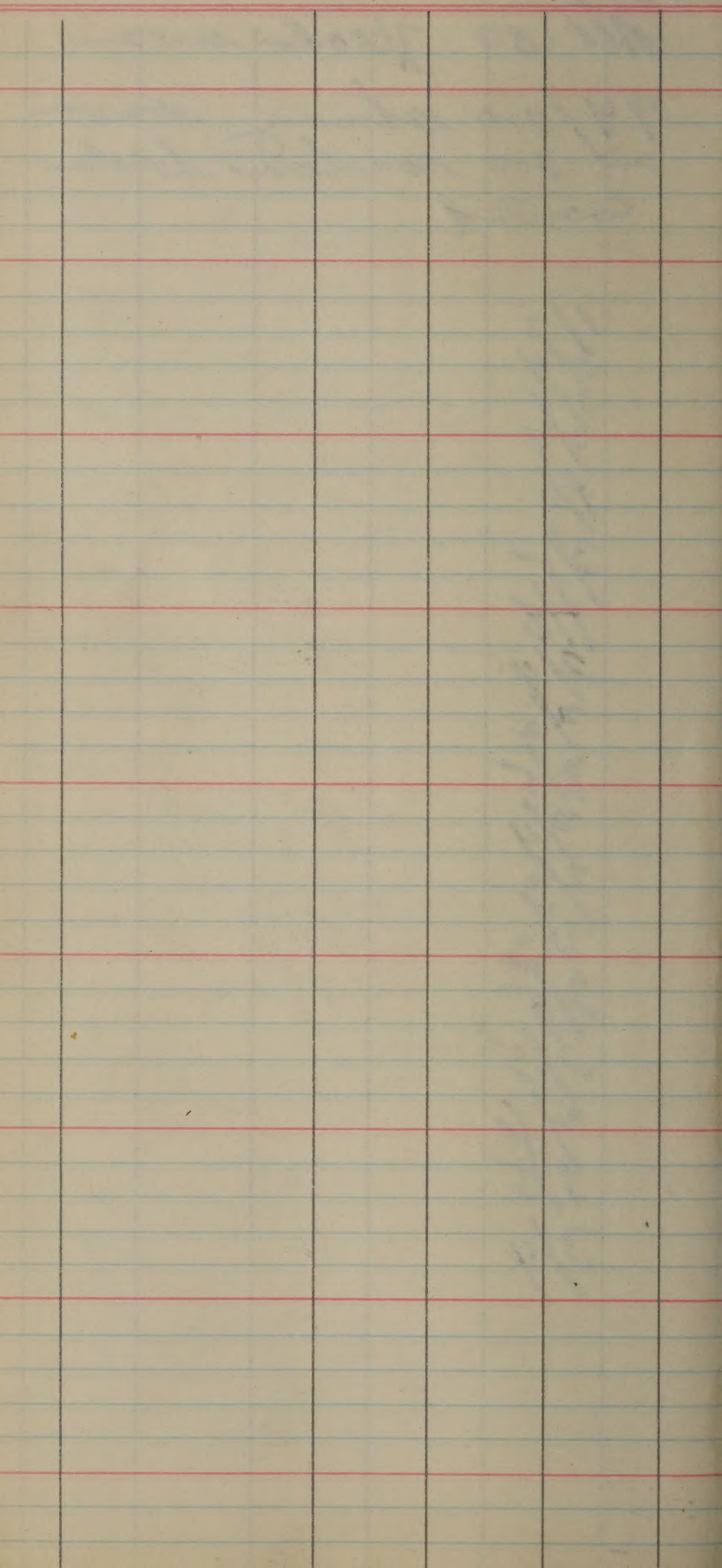




10-6-54

Plt. 50 Heads row

94/200 showing smut  
in 200 random heads  
counted. $1/3$  $3/4$  $3/4$  $3/4$  $4/9$  $3/5$  $4/8$  $2/4$  $2/2$  $4/5$  $2/4$  $2/3$  $1/3$  $3/5$  $3/5$  $2/6$  $4/5$  $3/4$





|    | Smt | NO.<br>Smt |  |  |
|----|-----|------------|--|--|
| 36 | ✓   |            |  |  |
| 37 |     | ✓          |  |  |
| 38 |     | ✓          |  |  |
| 39 | ✓   |            |  |  |
| 40 | ✓   |            |  |  |
| 41 |     | ✓          |  |  |
| 42 | ✓   |            |  |  |
| 43 | ✓   |            |  |  |
| 44 |     | ✓          |  |  |
| 45 |     | ✓          |  |  |
| 46 | ✓   |            |  |  |
| 47 | ✓   |            |  |  |
| 48 |     | ✓          |  |  |
| 49 | ✓   |            |  |  |
| 50 | ✓   |            |  |  |

| 26/2 <i>Readers Pencil</i> |           |   |    |   |
|----------------------------|-----------|---|----|---|
| 5290                       | (Smt - ✓) |   |    |   |
| 1                          | -         |   | 26 | ✓ |
| 2                          | -         |   | 27 |   |
| 3                          | -         |   | 28 |   |
| 4                          | ✓         |   | 29 |   |
| 5                          | ✓         |   | 30 | ✓ |
| 6                          | ✓         | - | 31 | ✓ |
| 7                          |           | - | 32 | ✓ |
| 8                          | ✓         |   | 33 | ✓ |
| 9                          | ✓         |   | 34 |   |
| 10                         |           | - | 35 |   |
| 11                         |           | - | 36 | ✓ |
| 12                         | ✓         |   | 37 | ✓ |
| 13                         |           | - | 38 | ✓ |
| 14                         |           | - | 39 | ✓ |
| 15                         |           | - | 40 |   |
| 16                         | ✓         |   | 41 | ✓ |
| 17                         | ✓         |   | 42 | ✓ |
| 18                         |           | - | 43 | ✓ |
| 19                         | ✓         |   | 44 | ✓ |
| 20                         |           | - | 45 |   |
| 21                         |           | - | 46 | ✓ |
| 22                         |           | - | 47 | ✓ |
| 23                         |           | - | 48 | ✓ |
| 24                         |           | - | 49 |   |
| 25                         | ✓         |   | 50 |   |

9-15-54

Blt. 50 JDR

Random Samples - Single  
Plants - 1 pericle plants

| Plant. No. | Sumt. | No Sumt |
|------------|-------|---------|
| 1          | ✓     | ✓       |
| 2          |       | ✓       |
| 3          | ✓     |         |
| 4          | ✓     |         |
| 5          | ✓     |         |
| 6          | ✓     |         |
| 7          |       | ✓       |
| 8          | ✓     |         |
| 9          | ✓     |         |
| 10         | ✓     |         |
| 11         |       | ✓       |
| 12         |       | ✓       |
| 13         |       | ✓       |
| 14         | ✓     |         |
| 15         | ✓     |         |
| 16         |       | ✓       |
| 17         |       | ✓       |
| 18         | ✓     |         |
| 19         |       | ✓       |
| 20         | ✓     |         |
| 21         |       | ✓       |
| 22         |       | ✓       |
| 23         |       | ✓       |
| 24         |       | ✓       |
| 25         |       | ✓       |
| 26         |       | ✓       |
| 27         | ✓     |         |
| 28         | ✓     |         |
| 29         | ✓     |         |
| 30         | ✓     |         |
| 31         |       | ✓       |
| 32         | ✓     |         |
| 33         |       | ✓       |
| 34         | ✓     |         |
| 35         | ✓     |         |

←  
JDR



Beaumont

100

9-15-54

Plt. 50 field.

| Plant<br>no. | No. panicles<br>from single<br>plant | No. Panicles<br>sum |
|--------------|--------------------------------------|---------------------|
| 1            | 4                                    | 4                   |
| 2            | 4                                    | 3                   |
| 3            | 5                                    | 3                   |
| 4            | 4                                    | 3                   |
| 5            | 3                                    | 2                   |
| 6            | 1                                    | 1                   |
| 7            | 1                                    | 1                   |
| 8            | 1                                    | 1                   |
| 9            | 3                                    | 1                   |
| 10           | 1                                    | 1                   |
| 11           | 2                                    | 1                   |
| 12           | 3                                    | 3                   |
| 13           | 2                                    | 2                   |
| 14           | 2                                    | 2                   |
| 15           | 2                                    | 2                   |
| 16           | 2                                    | 1                   |
| 17           | 5                                    | 4                   |
| 18           | 2                                    | 2                   |
| 19           | 2                                    | 2                   |
| 20           | 3                                    | 3                   |
| 21           | 5                                    | 5                   |
| 22           | 4                                    | 3                   |
| 23           | 3                                    | 2                   |
| 24           | 6                                    | 5                   |
| 25           | 4                                    | 2                   |
| 26           | 7                                    | 4                   |
| 27           | 7                                    | 4                   |
| 28           | 2                                    | 1                   |
| 29           | 3                                    | 3                   |
| 30           | 4                                    | 4                   |
| 31           | 4                                    | 3                   |
| 32           | 3                                    | 1                   |
| 33           | 3                                    | 2                   |
| 34           | 5                                    | 4                   |
| 35           | 3                                    | 3                   |





Effective in Collaps photo.

6907 3 + 4 g.  
5090

N-244 4 g g 10 90

HgCl<sub>2</sub>

9000 4 g / hr. per

N-244 - 4000

1, 1 1/4, 1 1/2, 1 3/4, 12 g / hr.

not effective.

Plant Introduction

Crunch

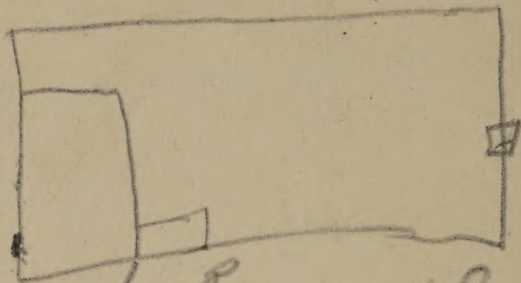
9000 - Series

9001 - no plants

9002 -







check

Bt. 1 center X H.O.

4251-

4448

Bt. X H.O.

4511 - 4593

seed order 308

# 131. With med seed

P 45 - 2647 - 51

single field plot

fully Blot Res.

173 Bt. 1. S. c.

check for number



3

18      139

---

3.0770

130 / 4.00

7      390

---

1000

Dwarf plants in  
696 plot - 6. now  
mostly

6660 - 1

St. Ned ?

Failed to set much  
seed. Distorted glomer

10-20-54

9 plants NO. from

5739 ✓      5809

5772 ✓

5775 ✓

5783









B5223

If this notebook is lost will finder please mail to:

U. S. DEPARTMENT OF AGRICULTURE

Bureau of Plant Industry, Soils, and  
Agricultural Engineering,

Division of Cotton and Other Fiber Crops  
and Diseases

Washington 25, D. C.

16-61780-1



# SUGGESTIONS CONCERNING FIELD DATA AND NOTES

## DIVISION OF COTTON AND OTHER FIBER CROPS AND DISEASES

It is suggested that the following general information be recorded for each field experiment:

1. Name of experiment or study.
2. Soil type.
3. Previous crops and fertilizers (2 years).
4. Preparation of land: (a) Methods (b) Dates
5. Size of plot:
  - (a) Area in square feet
  - (b) Number of rows
  - (c) Length of rows
  - (d) Width of rows
6. Fertilizer:
  - (a) Pounds per acre
  - (b) Analysis (N-P-K)
  - (c) Time of application
  - (d) Method of application
  - (e) Side dressings
7. Planting: (a) Date (b) Rate (c) Method
8. Thinning: (a) Date (b) Method (c) Approximate optimum spacing attempted
9. Cultivation: (a) Implements used (b) Dates
10. Dates at which all notes and samples are taken.
11. Dates of pickings.

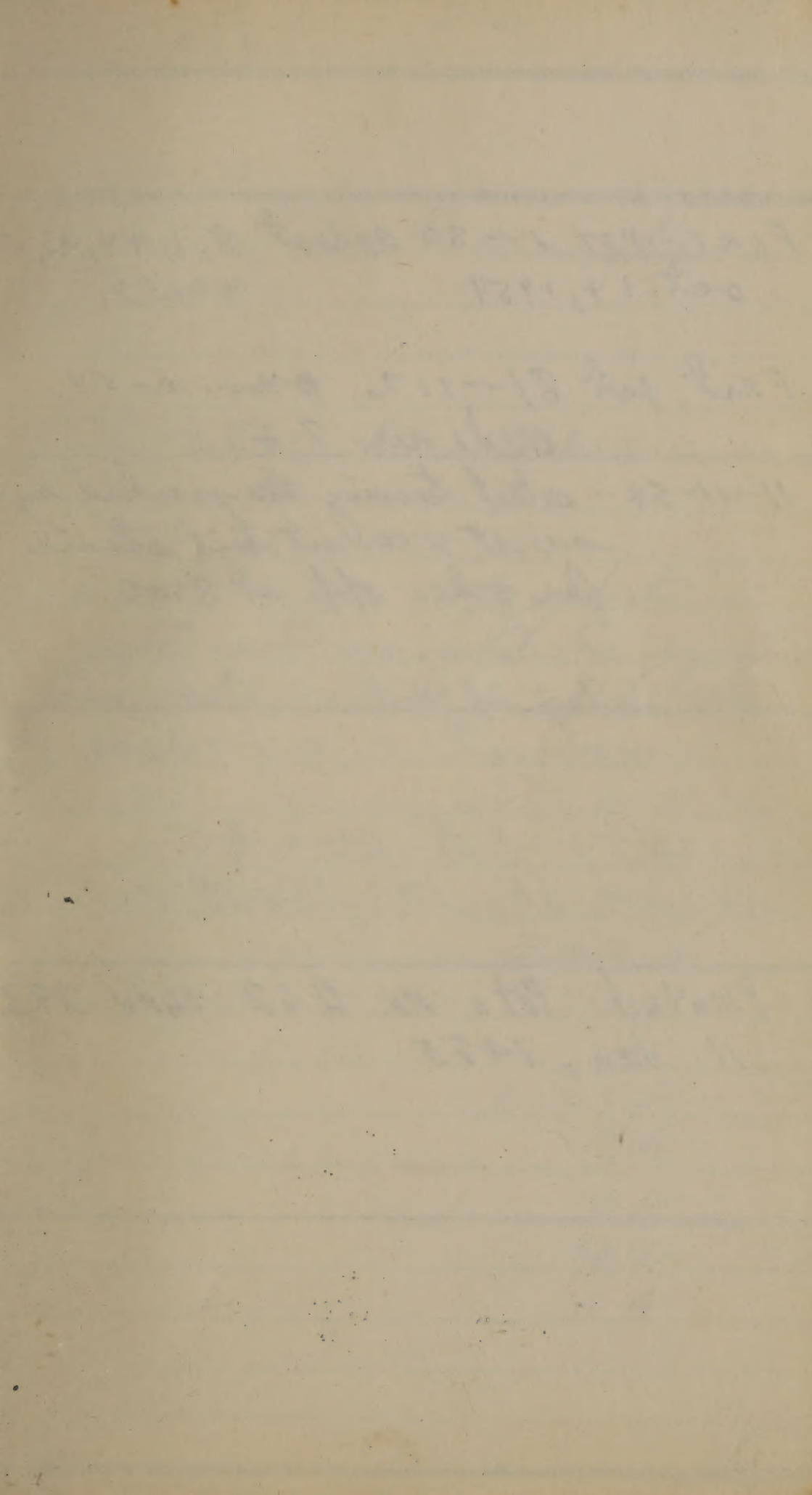
The following suggestions are made in regard to recording data:

1. Record all dates as figures, giving the month and day of month, as 5/16 (May 16).
2. Record all field weights in pounds and decimal fractions of pounds. The requisite accuracy depends somewhat on the size of sample, but for ordinary size plots 0.1 pound is usually satisfactory. It is suggested that small samples be weighed more accurately (0.01 pound).
3. Estimations, such as seeding vigor, shedding, color, etc., may be recorded either numerically or with letter designations, as is found convenient; for example (seeding vigor), 1=Excellent, 2=Good, 3=Medium, 4=Fair, and 5=Poor; or E=Excellent, G=Good, M=Medium, F=Fair, and P=Poor. An explanation of legends should be recorded for each variable and experiment.
4. Diseases and insect pests.
  - (a) GENERAL.—Attack by diseases or insect pests should be recorded by suitable legends to indicate type of disease or pest, percent of plants killed or affected, and in serious attacks, estimating crop loss. For example, FW \*5/35-7. (Footnote\* Fusarium wilt 5 percent plants killed, 35 percent affected, 7 percent loss estimated).
  - (b) SPECIAL.—Where the book is used for taking notes on regional field tests on disease resistance, treatments, etc., it is suggested that directions which are furnished for taking uniform data be pasted, or copied, in the front of the book.
5. Diagram, to scale, the block on which each experiment is conducted, showing visible soil differences, variable plant response attributable to soil differences, drainage, or unequal irrigation, slope of land or contours, and any other features which may materially assist in interpreting the results. The square ruled paper in the front of the book may be found useful for this purpose.
6. Explain clearly all legends used.
7. Identify all experiments as to location on blocks and YEAR.

For types of experiments for which this book does not provide ample page space, larger sheets should be utilized. In taking data, which are to be reported in this book, or on larger sheets especially provided, the field or laboratory determination should be written directly at the time of weighing or otherwise determining, and submitted to Washington, or filed as the permanent record. Avoid all possible transcribing or typing of raw data.







FERT. POT 1-80 except 8, 1, 44, 43, 42,  
oct. 14, 1954 40, 37

Fert pot 81-112 Nov. 10-54  
and no 8 + 1

11-11-54 - start turning ~~the~~ overhead lights  
on at 5:00. set time switch  
for 3 hr. off at 8:00

12-6-54 - plant T.P. breeding  
material in pot 230-259

12-20-54 pot 112-140

120, 129, 146, 149, 156, 174 not Fert,  
no plants

Planted Pots no. 262 thru 293  
11 Jan, 1955



19-36

Tex. p. sel #1 with green straw  
C.O. rest.

Tall Century B51-3601-1

6570, 71, 72 + 73

B4512A1-20. 50% reduction in  
yield with no white tip symptoms  
inoculated 1 to 2 in cluster than  
check.

54-6580 - Dwarf BBT50 - non  
satie type slightly  
taller than most plants in  
row

plot 730 B47-4863-14

B545A (28)

7A

6A 30

10A (38)

11A



# IRRADIATED BLOCKS 1954

| 1954 ROW<br>NUMBER | 1953<br>ROW<br>NO. | VAR.  | TREATMENT              |
|--------------------|--------------------|-------|------------------------|
| X-1-28             | 5330               | C.P.  | 20 hrs. $\gamma$ 226-1 |
| X-29-56            | 5333               | "     | 15,000r                |
| X-57-84            | 5336               | "     | 20,000 r               |
| X-85-112           | 5339               | "     | 25,000 r               |
| X-113-140          | 5342               | "     | 25 hrs $\gamma$ 227-1  |
| X-141-168          | 5348               | BBT50 | 16 hrs. $\gamma$ 225-2 |
| X-169-196          | 5351               | "     | 20 hr $\gamma$ 226-2   |
| X-197-224          | 5354               | "     | 15,000 r               |
| X-225-252          | 5357               | "     | 20,000 r               |
| X-253-280          | 5360               | "     | 25,000 r               |
| X-281              | 5363               | "     | 25 hrs. $\gamma$ 227-2 |

Ready sent to Blumstein  
April 24, 1954

|      |        |                                  |
|------|--------|----------------------------------|
| P.I. | 95595  | <i>Oryza Cubensis</i>            |
| "    | 95596  | <i>O. latifolia</i> (leha. type) |
| "    | 125257 | <i>O. minuta</i>                 |
| "    | 122988 | <i>O. latifolia</i> (asia)       |
| "    | 124393 | <i>O. officinalis</i>            |
| "    | 158813 | <i>O. Paraguaya</i>              |
| "    | 161078 | <i>O. minuta</i> like from China |
| "    | 161079 | <i>O.</i> " "                    |
| "    | 161081 | <i>O.</i> " "                    |
| "    | 167432 | <i>O. australensis</i>           |
| "    | 76060  | <i>O. Barthii</i>                |

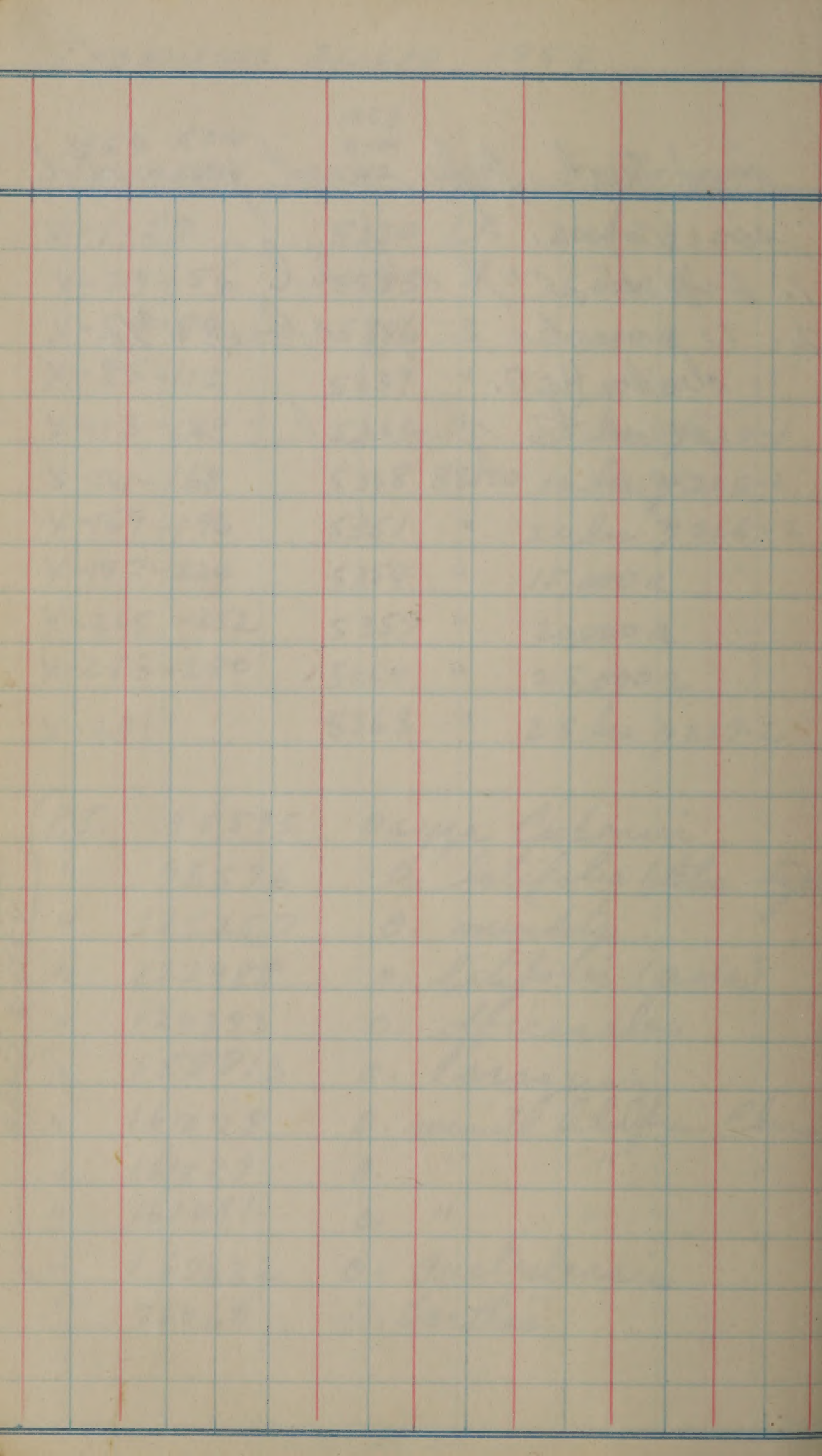


Seed treatment for seed germinated  
in agar.

1. Dip in 50% alcohol

2. 2 minutes in  $\frac{1}{3}$  clove +  $\frac{2}{3}$   
dist.  $H_2O$ .

prevents germination in  
agar.





1934  
1935  
1936

1

GREEN-  
HOUSE  
NO.

1 out ~~Tracy Dwarf C.P. 231 - from~~  
~~moist date of seeding 1952~~

ZENITH

1st break 4-19-55

2 Tracy Dwarf C.P. 231 - from  
moist date of seeding 1952

5 tillers 11-18

move to field

3 B5378A C.P. 231 <sup>♀</sup> DWARF x C.P. 231 <sup>♂</sup>

3 seeds planted

2 plants, 0 tillers

4 B5378A C.P. 231 <sup>♀</sup> DWARF x C.P. 231 <sup>♂</sup>

3 seeds planted

5 ZENITH

discovered 26  
5



DATE  
PLANTED

EMERGENCE

9-14 9-19

12-17

9-14 9-19

9-14 9-19

discord 5-26

9-14 9-22

discoid 5-26

9-14 9-18

6 { B5385A ZENITH X (Z X S.P.L. 180, 160)  
 11 seeds planted DID NOT GERMINATE  
 CLUB DWARF

7 Century pstr 231 (Parent seed of  
 B511A)

~~8 B5382A <sup>♀</sup> Cent 231 X <sup>♂</sup> BERLIN  
 1 seed planted  
 54-2275 narrow leaf~~

9 B5386A <sup>♀</sup> Cent X (<sup>♂</sup> C X 2132)  
 1 seed planted

10 B5387A B4512A (2164 Lill x Cent) X  
 80 day gold P.I. 189061  
 10 seeds planted  
 1st head 11-23-54



9-14

11-4

9-14 9-19

9-14

discard

4-6-55

9-14 9-14

discard

5-26

9-14 9-18

discard 5-26

- 11 ♀ PARENT of cross B5387A  
(2164 Hill sel. x BBT)  
. 1st head 11-24-54
- 12 ♂ parent of cross B5387A  
(90 day gold P.I. 180061) check P.I. NO  
replanted sprouted seed from 54-6019
- 13 SLO 17  
SALT RESISTANT - ~~MEDIUM~~ HIGH
- 14 CO 19  
SALT RESISTANT - MEDIUM
- 15 CRH 7  
SALT RESISTANT - MEDIUM



9-14 9-18

discard

5-24

9-14

discard

10-1

5-24

9-14 9-18 2-6

9-14 9-18 5-30-55

discard

5-30-55

9-14 9-18 2-11

kar

16 GEB 24

SALT RESISTANT - MEDIUM

17 SR 26B

SALT RESISTANT - MEDIUM

18 CO 25

SALT RESISTANT - MEDIUM

resistant to periculiari crystal  
pp. 49 "means of increasing use  
production."

19 B541A

3 seeds planted

C.P. 231 X (54-4983) B502A3-28-2

20 ♀ parent of B541A

C.P. 231



9-14 9-18 2-5

hor.

9-14 9-18

hor.

9-14 9-19

hor.

9-15 9-20

discard

5-3-55

9-15 9-21

discard

4-6-55

21 B542A

3 seed pl.

C.P. 231 X (54-6001) P.I. 184,675

3 F1 PLANTS  
sterile

move to field

22 ♀ parent of B542A

C.P. 231

23 CUBAN

10 seed pl.

24 B543A

3 seed pl.

C.P. 231 X P.I. 180,177

2 F1 plants

25 ♀ parent of B543A

C.P. 231



9-15 9-22

9-15 9-20

shicoral

4-6-55

9-15 9-18 2-8

shicoral

4-6-55

9-15 9-20

shicoral

5-3-55

9-15 9-24

shicoral

4-13-55

needle rice  
smaller than

26 B544A C.P.231 X P.I.189059

2 seeds pl.

E.

27 ♀ parent of B544A

C.P.231

28 B545A

1 seed pl.

C.P.231 X B505A1-30-2 (C.P. x H.O.12)

X more to field

29 ♀ parent of B545A

C.P.231

30 B546A

3 seeds pl.

C.P.231 X B505A1-11-1 (C.P. x H.O.12)

X move to field



9-15 —

10-1

discard 5-26

9-15 9-22

discard

4-6-55

9-15 9-21

B505A1-30-2 has sat. qual.

9-15 9-22

discard

4-6-55

9-15 9-25

B505A1-11-1 has sat. qual.

31 ♀ Parent of B546A  
C.P. 231

32 B547A m  
3 seed pl. 2 - 2 - 1 (BBT x C.P.)  
B.C. C.P. 231 x B508A2 - ~~BBT x C.P.~~

X morph. harvested F seed 2-9-55  
Plant at Eagle Lake -

33 ♀ Parent of B547A  
C.P. 231

34 B548A  
3 seed pl.  
C.P. 231 x B508A2-73-1 (BBT x H.O. 10)

35 ♀ Parent of B548A  
C.P. 231



9-15 9-22

decid

4-6-55

9-15 9-21

B508A2-2-1 highly rest. stuyt head

move to field

9-15 9-21

decid

5-3-55

9-16 9-23

decid

5-24

9-16 9-26

decid

5-26



36 B549A

C.P. 231 X B505A1-67-1 (C.P. X H.O. 12)

Fr

second 5-26

37

out

{ ♀ parent of B549A  
C.P. 231 replant  
no more seed }

X more to field

X-251-1-4 SHORT GRAIN  
from B&A 50 2 seedlings 11-18

38

B5410A

C.P. 231 X B505A1-66-1 (C.P. X H.O. 12)

Fr

39

OUT

{ ♀ Parent of B5410A 2 seed pl  
C.P. 231 replant  
no more seed }

54-6570 Tall Century

4 seedlings 11-18 (Planted &amp; pruned seed)

40

~~7829 B5430A ♂ parent~~~~54-4518~~~~B505A1-15-2 (B&A X H.O. 10)~~~~10 seedlings 11-18~~



9-16

9-16 9-25

discard  
7-27

11-11

9-16 9-25

discard 7-13

9-16 9-22

discard 4-5-55

11-10

discard 4-5-55

41 ~~349 INONA B 5429A 8 parent~~  
~~54-4536~~  
~~B 508A2-73-1 (BBAKH.O.10)~~  
~~several seedlings~~

42 CRH 13 - first pl. didn't germinate  
 replanted seed from salt water  
 tanks  
 SALT RESISTANT - MEDIUM

43 MTU 15

~~no plants~~

44 MTU 1 first pl. didn't germinate  
 replanted seed from salt water  
 tanks  
 SALT RESISTANT - HIGH

45 WHITE REXORO (SMOOTH) BMT.



11-10

discard 4-6-55

11-4

1-25

discard 4-13-55

discard

4-6-55

11-4

2-3

discard

8-3-55

10-1

2-5

discard

4-6-55

46 WHITE REXORO (gold) BBT

47 UPLAND (OLD SEED)

48 B5320A1 C.P. x T.P.

from field 10-1-54

FR  
sow  
move to field

49 B5320A1 C.P. x T.P.

✓ from field 10-1-54

50 B5320A1 C.P. x T.P.

✓ from field 10-1-54



10-1 2-4

disposal

4-6-55

10-1 2-6

disposal

4-6-55

disposal

disposal

4-6-55

51 B5335A5 BBT50xH.0341

✓ from field 10-1-54

loc. 1 head 11-10-54

move to field

52 B5313A1 BBT50xREXORO

✓ from field 10-1-54

move to field

53 B5340A4 T.P. DWARF x T.P.

✓ from field 10-1-54

move to field

54 B5316A1 (B4512A1-32) x T.P.

✓ from field 10-1-54

move to field

55 B5316A1 (B4512A1-32) x T.P.

✓ from field 10-1-54

move to field



seed bar 12-2-54

56 B5316A1 (B4512A1-32) X T.P.

from field 10-1-54

✓ save  
discord 3-26

57 B5312A2 BB#50 X T.P.

from field 10-1-54

✓ save seed for F2 pop.  
sow to field

58 COLUSA X O. CUBENSIS

from field 10-1-54

<sup>60</sup> ~~59~~ { DWARF MUTANT FROM NOLTE  
DEAD { PALE YELLOW BBt. FROM ROW  
54-7067 - STERILE - FEW GRAINS  
GLUMES TWISTED & DEFORMED - ABOUT  
18" HIGH. (DEAD) }

~~59/60 PALE YELLOW BBt FROM NOLTE  
54-7066~~

~~no plant - die~~



X-154-2-3

Free theering Bkt 50

pl. 11-11

no seedling 11-18

|   |      |
|---|------|
| 1 | 4-12 |
| 2 | 4-18 |

descend 4-6-55

61 DWARF  
54-6603  
move to field

62 SATHI  
54-6653  
move to field

~~63 BB#50 STERILE set  
54-6670  
set some seed in greenhouse.~~

64 CENT. TETRAPLOID  
54-6622  
move to field

65 BB#50 STERILE (possible ♂ sterile)  
54-6734 -  
anther small + deformed, no seed set  
on 11-8-54  
move to field



Dec 7-13

66 IMP. BBT. CHLOROTIC LEAVES + HULLS

54-6625

52-5104

move to field

67 TALL POLYHUSK

54-6649

~~move to field~~

68 CENT. STERILE

54-6633

4 heads - completely sterile 11-15-54

move to field

69 BBT50 STERILE TYPE

FROM GANN 1954

move to field

70 B5233A1-36

54-4252

B455A1-25 x T. PAIND

SHORT STRAW F<sub>3</sub> LINE



discount

discount 4-20-5  
seed box

71 B5232A1-43

54-4119

B455A1-25 X CENT.

V. short straw - from field 1954

72 ~~B5232A1-43~~

54-4119

B455A1-25 X CENT.

V. short straw - from field 1954

73 ~~53-3806~~ B5223A2-2

54-3806

B4512A1-32 X BBT50

early maturity move to field

74 { ~~53-3806~~ B5223A2-2

54-3806

B4512A1-32 X BBT50

early maturity

75 { B5223A1-8

OUT { 54-3802 B

B4512A1-32 X BBT50

EARLY MATURITY F<sub>3</sub> LINE

54-6570 TALL CENTURY

TRANS. FROM FIELD

move to field



discard 4-20-55

discard 7-20-55  
seed box

~~Gold grain from Ronald Meeks  
BPT 50. 3 weeks pl. 11-11-54  
1 seedling 11-18~~

discard 4-6-75

sewn to 1st node 1"

2nd internode 4"

3rd internode 5"

4th internode 8"

5th " 9"

6th internode 22" to base of panicle

discard  
1-26

①

~~BBT 50~~

76 B5223A1-8

54-3802 84 days to first harvest

B4512A1-32 X BBT. 50

move to field

77 B5233A1-36

54-4252

B455A1-25 X T. PATNA

SHORT STRAN F3 LINE.

78 B5233A1-36

54-4252

B455A1-25 X T. PATNA

79 B5233A1-36

54-4252

B455A1-25 X T. PATNA

80 { B5233A1-36

out { 54-4252

{ B455A1-25 X T. PATNA }

B47-4963-14 Karang-serang

54-730 pl. 12-3-54



1954 Breeding nursery  
 54-3802 1st head 7/17 full 7/27  
 BB+50 1st head 8/5+8/9 8/11  
 C.R. 231 7/22 7/25, 7/28

B4512A1-20 7/19

discard  
 plotted 4-24-55

discard 5-26

discard 5-26

discard 5-26



81 B52<sup>3</sup>B3A1-36

54-4252

~~BBT50 x B4512A1-3~~

B455A1-25 x TEXAS PATNA

SHORT STRAW F3 LINE

82 B5223A1-5

54-3783

BBT50 x B4512A1-32

early maturity more to field

83 { B5223A1-5

54-3783

BBT50 x B4512A1-32

early maturity

ahead

84 { B5223A3-5

54-3819

BBT50 x B4512A1-32

early maturity

now

85 { B5223A3-5

54-3819

BBT50 x B4512A1-32

early maturity

out  
F2

BBT x Cuban transplanted 12-2-51

from field (unknown now)



discard

~~54-6580~~

~~Dwarf BB750~~

~~pl. 11-17-54~~

~~dead~~

discard

4-6-55

discard

4-6-55

no real net in green house

move to field

86 B5319A

C.P. 231 x C.I. 8970

F1 PLANT - CROSS BACK TO C.P. 231

move to field *no plant ready to move 5-5*87 ~~B5412A~~

B4512A1-32

SHORT STRAW SEL. *dead*PARENT PLANT OF (~~SEED~~ EARLY MATURITY,  
54-4120 B455A1-25, pl. 12-7

88 B5317A

B4512A1-32 x REXORD

F1 PLANT - CROSS BACK TO REXORD

move to field

89 ~~BBA50~~ O. OFFICINALE

P.I. 124, 393

move to field

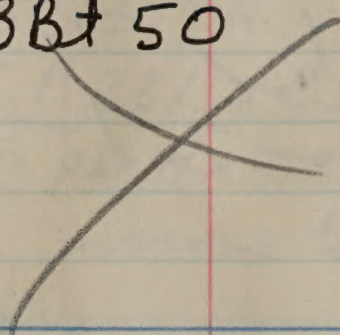
90 BBA50



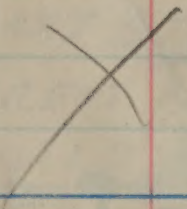
discard  
7-27-

discard  
5-27

91 BBT 50



92 BBT 50



93 BBT 50

94 TEXAS PATNA

95 TEXAS PATNA



discord

discord  
5-26

discord  
7-27

discord  
5-26

discord

96 TEXAS PATNA

97 TEXAS PATNA

~~98 REXORO~~

99 REXORO

100 REXORO



decad

decad

4-6-55

decad

7-27

101 REXORO

102 C.P. 231

described

103 C.P. 231

described

104 C.P. 231

described 5-26

105 B5111A1  
C.P. 231 CUBAN  
F. PLANT.

move to field



Account  
7-27

106 CALORO x O. MINUTA

move to field

107 O. CUBENSIS

P. I. 95595

move to field

108 COLUSA x O. CUBENSIS

move to field

109 O. DRYZA

C. I. 5120 B (STERILE)

move to field

110 B502A3-118-7 BBt x C. P.  
54-5038

very susceptible to stung beet  
at Eagle Lake in 1954 - failed to  
bead-looked good at Beaumont



crowned with C.P.  
 BBT  
 T.P.  
 REX

dis card  
 5-30-55

111 Red CENTURY ♂ parent of  
crosses B5431A + B5432A  
move to field

112 DEEP WATER?  
54-6277  
move to field

113 REXORO  
6 seedling about  $1\frac{1}{2}$ " tall on 11-8  
compared to no seedlings in  
pot 114 - short grain type

114 SHORT GRAIN FROM REXORO  
FOUNDATION SEED FIELD AT  
ELCAMPO None of original seed  
germinated - placed seed in germin  
11-19-54 - transplanted to pot 11-22

115 B5411A  
C.P. 231 X B515A1-30 (C.P. x P.I. 184, 81)  
2 seedlings 11-11  
B.C.



10-29

2-13

discord  
7-26

10-29

move to field

10-29

2-11

P. parent - early + good quality  
discord 5-24

116 ♀ Parent of B5411A (2 plants)  
 6 seeds pl.  
 C.P. 23/ 5 seedlings 11-11

117 B 5412A (5 plants)  
 6 seeds pl.  
 C.P. 23/ X B502A2-45-1 (BBT x C.P.)  
 6 seedlings 11-11

118 ♀ parent of B5412A (3 plants)  
 6 seeds  
 C.P. 23/  
 1 seedling 11-11

119 B5413A (3 plants)  
 3 seeds  
 C.P. 23/ X B502A2-1-1 (BBT x C.P.)  
 2 seedlings 11-11

120 ♀ parent of B5413A  
 6 seeds  
 C.P. 23/  
 replanted 6 seeds 11-18

discarded  
 5-26

replant



F.A

10/29

discoast 4-6-55

10/29

2-10

— discoast  
5-26

10/29

discoast 4-6-55

10/29

1-15

3 point short show

1 plant rough medium green

A1

smooth long

A2

smooth long

A3

10/29

11-18

121 B5414A (3 plants)

3 seeds

B.C. C.P. 231 X B502A2-8-1 (BBT X C.P.)

3 seedlings 11-11

move to field

122 ♀ parent of B5414A (1 plant)

6 seeds

C.P. 231

1 seedling 11-11

For  
Fall  
plant  
in  
field

123 B5415A (2 plants)

3 seeds

B.C. C.P. 231 X B502A2-7-3 (BBT X C.P.)

3 seedlings 11-11

move to field

124 ♀ parent of B5415A (2 plants)

C.P. 231 6 seeds

2 seedlings 11-11

125 B5416A 1 plant

3 seeds

B.C. C.P. 231 X B502-119-2 (BBT X C.P.)

3 seedlings 11-18

move to field

For  
Fall



F.A

10/29

2-10

8 point S.H. Res. short stems  
all gold good C.V. type  
leaves stay green

10/29

10/29

8 point sat. quality

10/29

1

decoral

~~10/29~~  
11-4

8 point sat. quality

126 B5417A (4 plants)

C.P. 231 X B502A2-1542 (BBT X C.P.)

B.C.  
Fry  
20/11/18  
3 seedlings 11-18  
move to field

127 B5418A (3 plants)

C.P. 231 X B502A2-113-1 (BBT X C.P.)

B.C.  
Fry  
3 seedlings 11-18  
move to field

128 B5419A (2 plants)

C.P. 231 X B502A2-66-1 (BBT X C.P.)

B.C.  
Fry  
2 seedlings, 1 twisted + variegated 11-18  
move to field

129 B5421A

C.P. 231 X B5111A1-35 (C.P. X ZAYAS BAZ)

mon  
2 seedlings 11-18  
no plants

130 B5422A (1 plant)

C.P. 231 X P.E. 180, 177-3

B.C.  
Fry  
1 seedling 11-18



11-4

♂ parent rest. to staight head (gear ready)

11-4

♂ parent rest. to staight-head. (gear ready)

11-4

♂ parent sus. to S.H., sat. qual.

11-4

11-4

♂ parent gold bull, heavy yield  
large stone

~~131~~ B5423A (1 plant)

131 BBT50 X B502A2-113-1 (BBT x C.P.)

B.G.  
FV

1 seedling 11-18

move to field,

~~132~~ B5424A (1 plant)

132 BBT50 X B502A2-2-1 (BBT x C.P.)

B.G.  
FV

2 seedlings 11-18

move to field

133 B5425A

out { ~~BBT50 X B502A3-82-2 (BBT x C.P.)~~

~~2 seedlings 11-18~~

~~no plants~~

134 B5426A

out { ~~BBT50 X B502A2-119-1 (BBT x C.P.)~~

~~move 11-18~~

B5343A1-1 SMOOTH ZENITH

135 B5427A (3 plants)

BBT50 X B502A2-161-3 (BBT x C.P.)

FV

2 seedlings 11-18



11-4 ♂ parent res. to S.H. + has sat. gush.

11-4

♂ parent res. to S.H.

11-4

♂ parent has sat. gush.

decoral  
4-6-55

11-4

♂ parent has sat. gush.

12-17

decoral 5-26

11-4

decoral  
5-25

136 B5428A (4 plants)  
 FN ✓ BBT.50 X B502A2-8-2 (BBT x C.P.)  
 B.C. 4 seedlings 11-18  
 move to field

137 B5429A (3 plants)  
 FN ✓ BBT.50 X B508A2-73-1 (BBT x H.O.10)  
 4 seedlings 11-18

138 B5430A 4 plants  
 FN ✓ BBT.50 X B508A1-15-2 (BBT x H.O.10)  
 4 seedlings 11-18

139 B5431A (8 plants)  
 B.C. FN ✓ C.P.231 x Red C.P.231  
 10 seedlings 11-18

140 B5432A (2 plants)  
 B.C. FN ✓ C.P.231 x Red C.P.231  
 2 seedlings 11-18



11-4

Point sat. qual.  
S.H. visit,

11-4

discord  
5-25

11-4

discord  
5-25

11-4

discord  
5-26

11-4

141

~~unknown~~

out

142

unknown

decord

143

unknown

decord

144

ORYZA BARTHAII

145

~~B5433A~~

UNKNOWN

B5433A

2 seeds her. 11-15-54



discuss

146 ~~B5433A~~

OUT { (R x F) x B5316A1 (B4512A1-32 x T.P.)

~~seedlings~~ 11-18

B5343A1-2 SMOOTH ZENITH.

4 plants

147 C.P. 231 IRRADIATION (X-106-2-2)

7 seeds set on plant, none in other repeats - possible ♂ sterile

25,000 r

(6 plants)

6 seedlings more to field

148 RED BBT50 FROM IRRADIATED BLOCK

(5 plants)

5 seedlings 11-18

more to field

149 { ~~B5419A ♀ PARENT~~

OUT

{ C.P. 231

{ ~~no seeds none~~

150 B5427A ♀ PARENT (4 plants)

BBT50

3 seedlings 11-18



11-4

discord

12-17

11-8

11-9

11-10

discord

5-26

151 B5428A ♀ PARENT (3 plants)  
BBT 50  
6 seedlings 11-18

~~152 B5429A ♀ PARENT (3 plants)  
BBT 50  
5 seedlings 11-18~~

153 B5430A ♀ PARENT (3 plants)  
BBT 50  
2 seedlings 11-18

154 B5431A ♀ PARENT (3 plants)  
C.P. 231  
3 seedlings 11-18

155 B5432A ♀ PARENT (2 plants)  
C.P. 231  
1 seedling 11-18



R-10

11-10

descent 4-6-55

11-10

descent 7-26

11-10

descent 5-3-55

11-10

descent 5-3-55

156 ~~B5433A ♀ PARENT.~~

out } R & F

~~could 11-18~~

157 ~~B5422A ♀ PARENT~~

~~C.P. 231~~

~~1 seedling 11-18~~

~~1 off type plant (same)~~

158 B5450A

BBT50 X P.I. <sup>7</sup>175,433 (INDIA)

12 seedlings 11-18

check for self

move to field

159 B5450A ♀ PARENT (4 plants)

BBT50

~~several seedlings 11-18~~

160 B5451A

BBT50 X P.I. 175,474 (INDIA)

9 seedlings 11-18

2 rough (crossed)

move to field



11-10

discord 4-6-55

10-10

discord  
4-6-55

11-10

11-10

discord  
4-6-55

11-10

2-12

161 BS451A ♀ PARENT

BBT 50

8 seedlings 11-18

162 BS452A

BBT 50 x P.I. 184,676 (IRAN)

B.C. 5 seedlings 11-18

stems move to field

163 BS452A ♀ PARENT

BBT 50

6 seedlings 11-18

164 BS453A

B.C. BBT 50 x P.I. 184,676 (IRAN)

11-18 } self  
1 seedling 11-23 } BBT 50

165 BS453A ♀ PARENT

BBT 50

2 seedlings 11-18



11-10

discard 4-6-55

11-10

11-10

discard 4-6-55

11-10

discard 7-13

11-10

discard 4-6-55

166 B5454A

BBT.50 X P.I. 184,676 (IRAN)

B.C. 1 seedling 11-18  
sterile

more to build

167 B5455A

F<sub>2</sub> ✓ BBT.50 X P.I. 175,473 (INDIA)  
B.C. 3 seedlings 11-18  
maybe self.

168 B5456A

F<sub>2</sub> ✓ BBT.50 X P.I. 175,473 (INDIA)  
B.C. 4 seedlings 11-18  
maybe self.

169 B547A ♂ parent

B502A2-2-1 (BBT X C.P.)

highly est. to S.H.

54-~~4621~~ 4626

1 seedling 11-18) (2 seedling 11-23)

170 B546A ♂ parent

B505A1-1-11-1 (C.P. X H.O.12)

sat. qual.

54-4361

4 seedlings 11-18



11-10

11-10

discord  
7-13

11-10

discord 7-13

11-10

has discord  
5-25

11-10

has  
discord  
5-26

- 171 B549A ♂ parent  
 B505A1-67-1 (C.P. x H.O.12)  
 54-4430  
 3 seedlings 11-18 (4 plants)
- 172 B548A ♂ parent (4 plants)  
 B508A2-73-1 (BBT x H.O.10)  
 54-4536  
 several seedlings 11-18
- 173 B5410 ♂ parent (4 plants)  
 B505A1-66-1 (C.P. x H.O.12)  
 54-4427  
 none 11-18
- 174 B5411A ♂ parent  
 B515A1-30 (C.P. x P.I. 184,812)  
 54-2032  
 none 11-18
- 175 B5413A ♂ parent  
 B502A2-1-1 (BBT x C.P.)  
 54-4623  
 1 seedling 11-18



11-10

loss  
 second  
 5-26

11-10

loss  
 second

11-10

loss 5-26

11-10

loss  
 second  
 5-26

176 B5421A ♂ parent  
 54-2701  
 B5111A1-35 (C.P. x ZAYAS BAZAN)  
*several seedlings 11-18*

177 B5423A ♂ parent  
 54-4836  
 B502A2-113-1 (BBt x C.P.)  
 S.H. res., sat. qual.  
*several seedlings 11-18*

*move to field*

178 B5426A ♂ parent  
 54-4847  
 B502A2-119-1 (BBt x C.P.)  
 sat. qual.  
*several seedlings, albino 11-18*

179 B5427A ♂ parent  
 54-4908  
 B502A2-161-3 (BBt x C.P.)  
*several seedlings 11-18*

180 B5428A ♂ parent  
 54-4636  
 B502A2-8-2 (BBt x C.P.)  
*several seedlings 11-18*



11-10

long  
descent 5-26

11-10

long

11-10

long  
descent  
5-26

11-10

long descent  
5-26

11-10

long  
descent  
5-26

181 W.C. 1951  
 54-5604  
 P.I. 202,245 Thailand  
 Tall - failed to head 1954

182 W.C. 1952  
 54-5605  
 P.I. 202,246 Thailand  
 Tall - failed to head 1954

183 W.C. 2041  
 54-5703  
 P.I. 162,011 Turkey  
 Tall - failed to head 1954

184 W.C. 1949  
 out { 54-5602  
 P.I. 202,092 Peru  
 T. P. }

185 W.C. 1945  
 54-5582  
 P.I. 201,905 India



seed box 4-7-55

seed box 3-26-55

seed box 3-26-55

seed box 3-26-55

~~186 W.C. 1911  
54-5548  
P.I. 198,236 India~~

~~187 W.C. 1912  
54-5549  
P.I. 198,237 India~~

~~188 W.C. 1913  
54-5550  
P.I. 198,238 India~~

~~189 W.C. 1942  
54-5579  
P.I. 201,902 India~~

✓ 190 W.C. 1895  
~~54-5537  
P.I. 193,537 India~~



seed bar 3-26-55

seed bar 3-26-55

seed bar 3-26-55

seed bar 3-26-55

seed bar 3-26-55

191 { W.C. 1950  
 54 - 5603  
 P.I. 202,093 Peru  
 T.P.

192 ~~W.C. 1898  
 54 - 5535  
 P.I. 198,133 Burma~~

193 X-172-2-1  
 (HAPLOID)? BB#50  
 20 hrs 226-2

194 X-31 ♂ sterile type  
 C.P. 231, 15,000 r  
 move to field

195 ~~W.C. 1891  
 54 - 5528  
 P.I. 190,454 India~~



read la 3-26-55

read la 3-26-55

196 ~~W.C. 1936~~  
~~54-5573~~  
~~P.I. 201,836 W. africa~~

197 ~~W.C. 1902~~  
~~54-5539~~  
~~P.I. 198,138 Burma~~

198 ~~W.C. 1903 (mistake)~~  
~~54-5540~~  
~~P.I. 198,139 Burma~~

199 } W.C. 1935  
 Out { 54-5572  
 { P.I. 201,835 N. africa  
 T. P.

200 } W.C. 1909  
 Out { 54-5546  
 { P.I. 198,234 India  
 T. P.



seed bar 3-26-55

seed bar 3-26-55

seed bar 3-26-55

201 ~~SHORT STRAW, small stems early glutinous~~  
~~54-607 from 5399 red. cross.~~

202 GRASSY DWARF  
 54-696 (HYB. MIX. 11-47-11-12)  
 E SL. GR. BULK  
 normal hyb. mix (not group)

203 ~~W.C. 1910~~  
~~54-5547~~  
~~P.I. 198,235 India~~

204 X170 X27  
 C.P. 231, 20 has 7226-1

205 ~~W.C. 1907~~  
 out { 54-5544 }  
 { P.I. 198,231 India }  
 T. A



reed bar 3-26-55

decad 5-24

reed bar 3-26-55

decad  
7-26

206 W.C. 1895  
 Out { 54-5532  
 P.I. 197, 539 India }  
 T.P.

~~207 W.C. 1905  
 54-5542  
 P.I. 198, 228 India~~

208 W.C. 1908  
 Out { 54-5545  
 P.I. 198, 233 India }  
 T.P.

209 W.C. 1896  
 Out { 54-5533  
 P.I. 197, 540 India }  
 T.P.

210 W.C. 1782  
 Out { 54-5403  
 P.I. 180, 812 Peru }  
 T.P.

Nov. 1-12-55



hor 3-2055

dec 01 5-26

dec 01 5-26  
no plant

211 ROLLED LEAF C.P. TYPE - GREEN STRAW  
54-619

212 W.C. 1934  
54-557  
P.I. 201,834 W. Africa

213 W.C. 1904  
54-554  
P.I. 198,140 Burma

214 { X-1 TO X-27  
Out { C.P. 23/ 20 lbs. 7 226-1 }  
T.P.

215 Y1 TO Y-27  
C.P. 23/ 20 lbs. 7 226-1



for 3-28-55  
sheard 5-26

for 3-28-55  
sheard 5-26

for 3-28-55  
sheard 5-26

sheard  
9-27

216 X-1 to X-27  
C.P. 231 20 hr  $\gamma$  226-1

217 X-238-3-4  
abnormal glumes, normal lt.  
BBT 50-20,000 r

218 X-210-3-3  
non-head, short  
BBT 50-15,000 r  
moved to pot 384

219 X-152-1-2  
BBT 50 16 hr  $\gamma$  225-2

220 X-126-1-3  
very short straw, highly sterile  
C.P. 231 25 hr  $\gamma$  227-1  
moved to pot 383



decord  
7-26-

221 { X-208-1-1  
 221 { Tetra type Bkt 50  
 Bkt 50 15,000 R  
 T. P.

222 X-107-3-3  
 non-head  
 C.P. 231 25,000 R

223 X-175-1-1  
 abnormal glumes  
 Bkt 50 20 hrs  $\gamma$  226-2

224 X-180-1-3  
 sterile, short  
 Bkt 50, 20 hrs  $\gamma$  226-2

225 X-114-3  
 C.P. 231, 25 hrs  $\gamma$  227-1



discard

7-27

- 226 X-286-3-4  
 very short, twisted glumes  
 narrow leaves  
 25 hr.  $\gamma$  227-2 BBT 50
- 227 X-251-1-4  
 Short grain BBT 50 (jap type)  
 20,000 R
- 228 X-242-3-4  
 possible  $\sigma$  sterile  
 20,000 R BBT 50  
 moved to pot 385
- 229 X-172-2-1  
 (HAPLOID?) BBT 50  
 20 hr  $\gamma$  226-2  
 2 tillers transplanted from pot 193  
 & treated with Rocton. 11-23-54
- 230 B5233A1-36-1  
 v. short, sturdy green straw  
 uniform F<sub>3</sub> row (54-4252) good  
 texture & shape  
 1st head 3-19 (B5233A1-36-1-1)



Discard 5-30-55

discard 4-6-55

discard 5-24

231 B5233A1-36-2

abstract 5-24

232 B5233A1-36-3

abstract 5-24

233 B5233A1-36-4

abstract 5-24

234 B5233A1-36-5

abstract 5-24

|    |      |
|----|------|
| -1 | 3-1  |
| -2 | 3-2  |
| -3 | 3/27 |

235 B5233A1-36-6

abstract

5-24



B

236 B5233A1-36-9-1

-2

shred  
5-24

-3

-4

3/28

237 B5233A1-36-8-1 3/20

-2

3/26

shred  
5-24

-3

3/25

238 ♀ PARENT OF B5444A-  
T. P.

1st head 4-23

239 TEXAS PATNA

1st head 4-19-55

240 TEXAS PATNA SEL. #1

1954 very green straw

1st head 4-25-55



ducorat  
7-27

ducorat  
7-27

241 ♀ Parent of B5437A  
T.P.  
1st head 4-23

242 B455A1-25  
from plot 314B(1953)  
1st head 3-23

243 B4512A1-32  
1st head 2-16

244 B4512A1-32

discarded  
5-24

245 B4512A1-32  
1st head 2-16

discarded  
5-24



Decord  
7-27

Decord  
7-27

Decord  
7-27

25  
31  
28  
12  

---

96

246 B5435A1

✓✓ T.P. x B5316A1

1 seed

1st head 4-22  
1 plant

247 B5436A1

✓ T.P. x B5316A1, 1st head 4-22

1 seed

1 plant

248 B5437A

B5437A1 T.P. x B5316A1 pl. 12-6-54

B5437A2 3 plants

A3

1st head

3-13-55

96 days to first head

249 B5437A

✓✓ for 2 plants

discord

5-24

250 B5437A

1 plant

discord  
5-24



descend  
5-26

descend  
5-26

cross back to T.P.

B5437A1 - 1st lead 3-13

B5437A2 - 1st lead 3-17

B5437A3 -

4-22

B5437A4

" 3-26

B5437A5

4-15

B5437A6

" 4-23

descend

descend  
7-13

251 B5437A7

Fr 1 plant  
discarded  
5-24252 ~~B5316A1~~ B5438A

T. P. x B5316A1

✓ Fr 1 seed  
1 plant1st head 4-10  
discarded  
5-24253 ~~B5444A~~

T. P. x B5316A1

1 seed  
T. P.

254 B5447A

T. P. x B5316A1

Fr out } 4 seeds  
1 plant (head)

B5461A

1 plant

transplanted  
1-31-55255 ~~B5447A~~Fr 1 seed  
0 plantsB5461A  
transplanted 3-18



discord  
7-27

|    |                          |         |                 |
|----|--------------------------|---------|-----------------|
| A1 | 1st head                 | 4-8-55  | } has<br>5-26-5 |
| A2 |                          |         |                 |
| A3 | "                        | 4-14-55 |                 |
| A4 | discord                  | 5-26    |                 |
| A5 | } has<br>7-13<br>discord |         |                 |
| A6 |                          |         |                 |
| A7 |                          |         |                 |
| A8 |                          |         |                 |

256 B5447A1 1st head 3-18

Fr✓

5 seeds

1 plant

257 B5448

T.P. x B5316A1

1st head 4-22

3 seeds

1 plant

258 B5448A

3 seeds

0 plant

R x F B322B47-12-2-4

54-205 pl. 3-24-55

259 B5448A

4 seeds

0 plant

Rogue pl. 3-24-55

54-420

260

B5337A

B4530A x BBT50

5 seeds pl. 12-7-54

1st head 3-5-55

Fr✓



loc 1 head 4-19-55

decoral 7-13

decoral 5-24

loc 4-19-55

decoral 5-24

261 ♀ parent B5337A  
B4530A  
1st head 3-17

262 B5464A  
HY. MIX GRASSY DWARF x RED C.P.  
FV 3 SEEDS, all SE, real  
3 seedlings

263 B5465A  
C.I. 5120B x B5316A1  
FV 5 SEEDS  
2 seedlings

264 B5465A  
C.I. 5120B x B5316A1  
FV 5 SEEDS  
2 seedlings

265 B5465A T.P. x B5412A1-32  
FV C.I. 5120B x B5316A1  
5 SEEDS  
4 seedlings



decid  
5-24

all 3 plan 1st head 4-25-55  
decid 7-13 plant shed

A1 4-23

A2

sterile

A3 4-13-55 1st head sterile

A4 4-47

sterile

B5465 A5 int head 4-9-55 sterile

A6

O.K

A7

sterile

A8

sterile (few seeds)

266 B5466A

B4512A1-32 X B5319A

5 SEEDS

267 B5466A

B4512A1-32 X B5319A

4 SEEDS

268 B5467A

B5232A1-43 X B5387A

5 SEEDS (replant 2 seeds 2-22)

269 B5467A

B5232A1-43 X B5387A

5 SEEDS (replant 2 seeds 2-22)

1 plant 2-22

270 B5467A

B5232A1-43 X B5387A

5 SEEDS replant 2 seeds 2-22

1 plant 2-22 + one seed not removed



A1 4-16-55  
A2 4-14-55  
discard 5-26

A3 — 4-6-55  
A4 4-13-55  
discard 5-26

A1

A1

A2

271 B5467A

B5232A1-43 X B5387A

5 SEEDS (replant 2 seeds 2-22)

272 B5467A

B5232A1-43 X B5387A

3 SEEDS (replant 2 seeds 2-22)

no plants

273 B5468A

Red C.P. X GRASSY DWARF

3 SEEDS (replant 2 seeds 2-22)

no plants

274 B5469A

C.I. 5120B X B5316A1

F2 2 SEEDS

1 plant 2-22

275 B5470A

BBA50 X B5313A

pl. 1-11

in head 4-26-7

F2 5 SEEDS

3 plants 2-22



stentle  
move to fulst

A3

second 5-25

276 B5470A pl. 1-1  
 BBP50 x B5313A 1st head  
 5 SEEDS  
 2 plants 2-22

277 B5470A  
 BBP50 x B5313A  
 4 SEEDS (replant 2 seed 2-22)  
 no plants

278 B5475A1  
 T.P. x B5233A1-36  
 5 SEEDS (~~replant 3 seeds~~)  
 1 plant 2-22

279 B5475A Replanted Four seed  
 T.P. x B5233A1-36 2/2/55  
 5 SEEDS  
 5 plants 2-22

280 B5475A  
 T.P. x B5233A1-36  
 5 SEEDS (replant 5 seed 2-22)  
~~5 plants 2-22~~



A3  
A4

har 7-13  
discorol

HEIGHT <sup>int</sup> ~~har~~ HAR

B 5475 A1 57 — 6/15 S 12 tiller

discorol

B 5475 A2

6/12 7-25

A3

6/5 7-25

A4

6/5 7-25

A5

6/3 7-25

discorol

B 5475 A6

6/15 7-25

discorol

281 B5475A

T.P. X B5233A1-36

5 SEEDS (replant 5 seeds 2-22)

~~no plants~~

282 B5475A

T.P. X B5233A1-36

5 SEEDS (replant 5 seeds 2-22)

~~no plants~~

283 B5475A

T.P. X B5233A1-36

5 SEEDS (~~replant~~)

2 plants

284 B5475A

T.P. X B5233A1-36

5 SEEDS (replant 5 seeds 2-22)

~~no plants~~

285 B5475A

T.P. X B5233A1-36

5 SEEDS (replant 5 seeds 2-22)



B5475 A7 52" - 6/15 Show <sup>10 tiller</sup>  
 48 55" - 6/15 S 9 tiller

Discord

B5475 A9 7-25 S 16

Discord

286 B5475A

T.P. x B5233A1-36

5 SEEDS (replant 5 seeds 2-22)

no plants

287 B5475A

T.P. x B5233A1-36

5 SEEDS (replant 5 seeds 2-22)

288 B5475A

T.P. x B5233A1-36

5 SEEDS

1 plant

289 B5475A

T.P. x B5233A1-36

5 SEEDS

3 plants

290 ♂ parent of B5464A

Real C.P.

3 plants



B5475 A10 5/14

7-26 S 5

A11

7-26 S 5

A12

7-26 S 5

dis cord

B5475 A13 56 -

7-26 S trans 8

dis cord

B5475 A14 52" -

S 6 full

A15 49 -

S 7

A16 52 -

S 5

dis cord

for 7-13

dis cord

291 ♀ <sup>PARENT</sup> B5464A  
GRASSY DWARF.

292 ♂ PARENT of B5468A  
GRASSY DWARF.  
0 plants

293 ♀ PARENT of B5468A  
Red C.P.  
2 plants

294 B5233A1-36  
54-4254  
1st bud 5-4-55

295 B455A1-25 1st bud 4-24  
53-314B  
descend 5-26



discord

hor 7-13

hor 7-13  
discord

discord

296

6 plants

297 PL. 183,331

pl. 2-22-55

298

B5463A

B5316A1 x B5340A4

299

B552A (SHORT G. BB#50 x BB#50)

POT 227

POT. 92

300

♀ parent B552A

~~SHORT GRAIN~~ BB#50

March 1, 1955



decorat  
dead 7-13

decorat 7-13

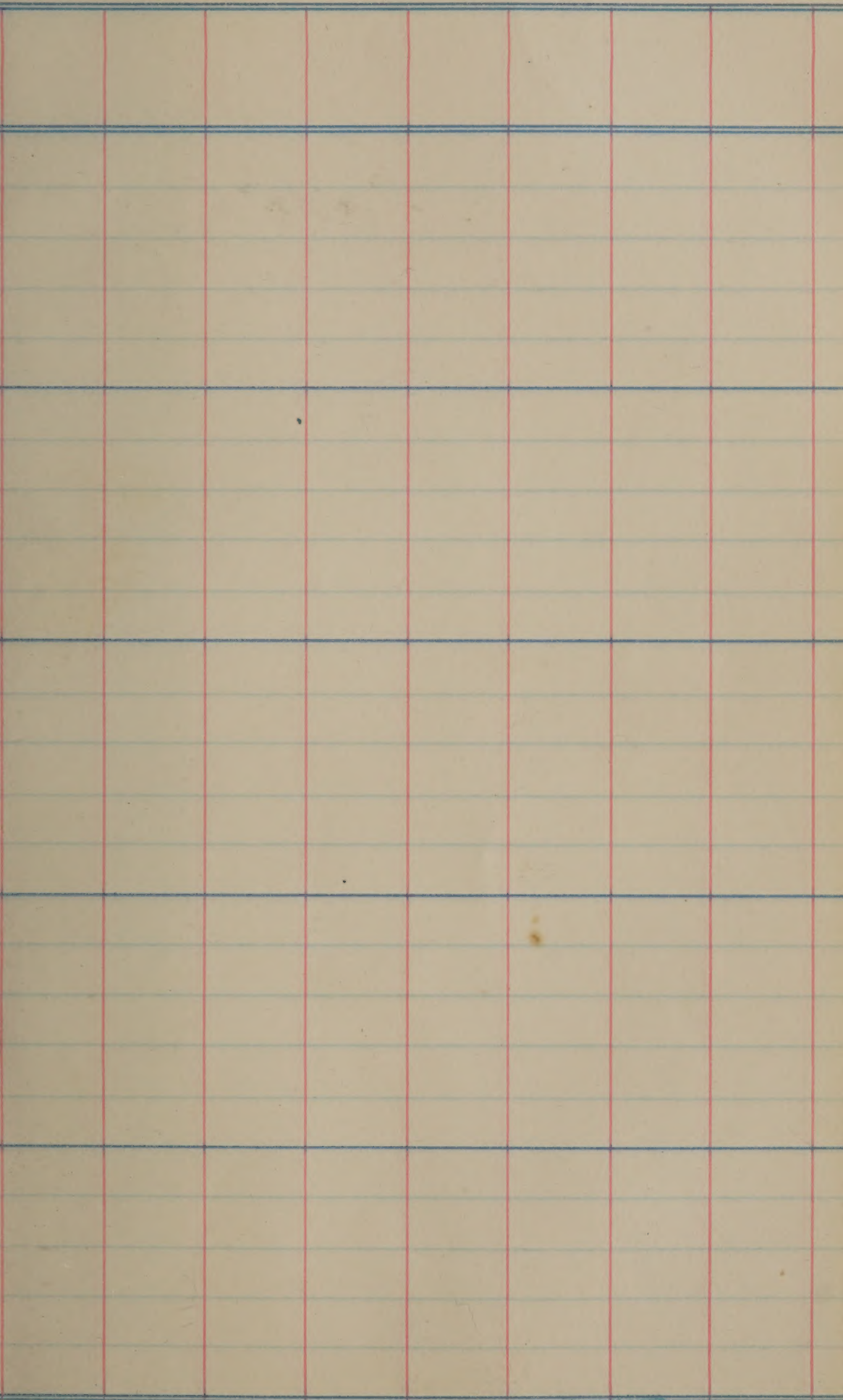
1st dead box

|    |      |      |
|----|------|------|
| A1 | 6-23 | 7-26 |
| A2 | 7-1  | "    |
| A3 | 7-4  | "    |
| A4 | 7-2  | "    |

1st dead 6-23

~~301 ♂ point 4 B552A  
BB 50~~

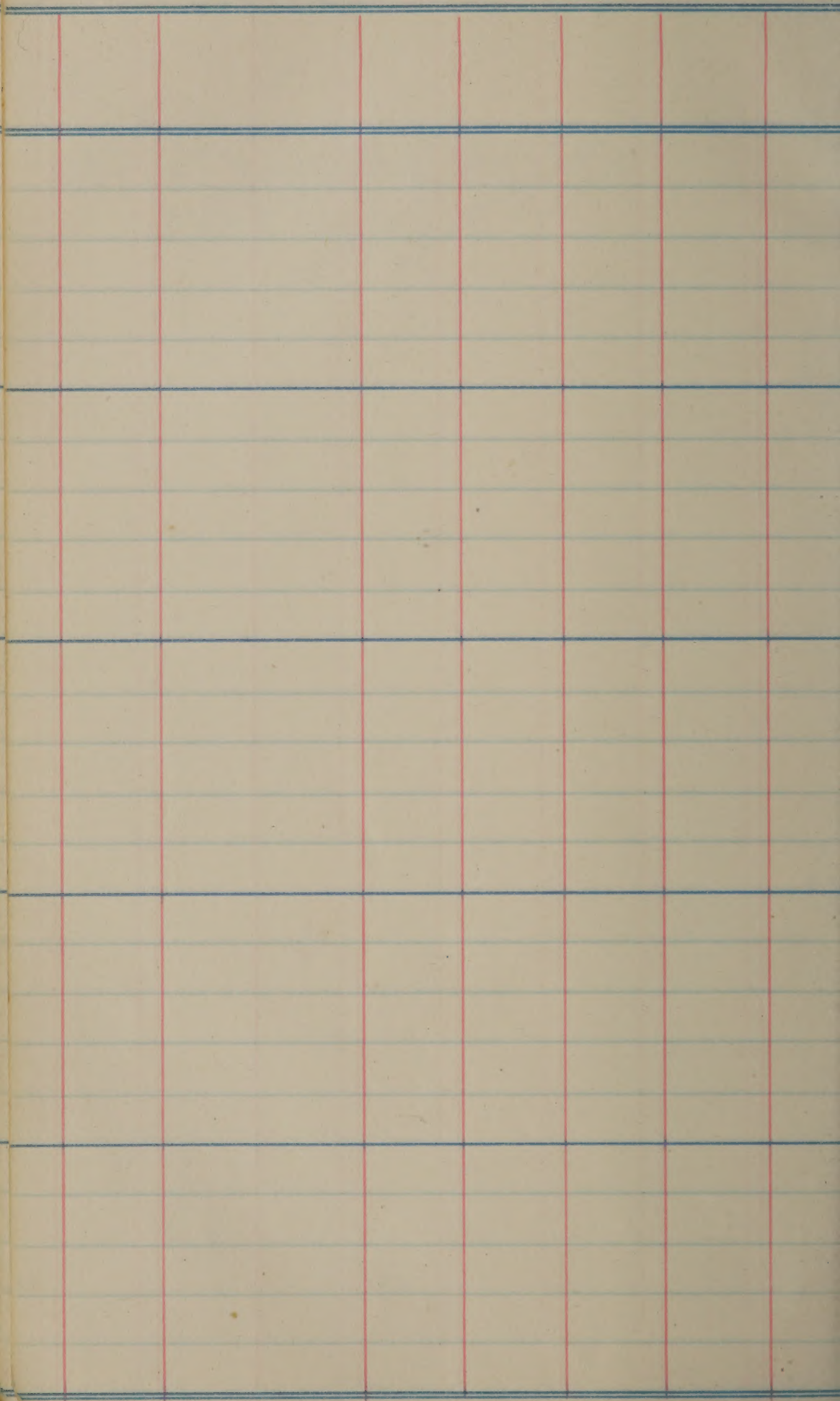




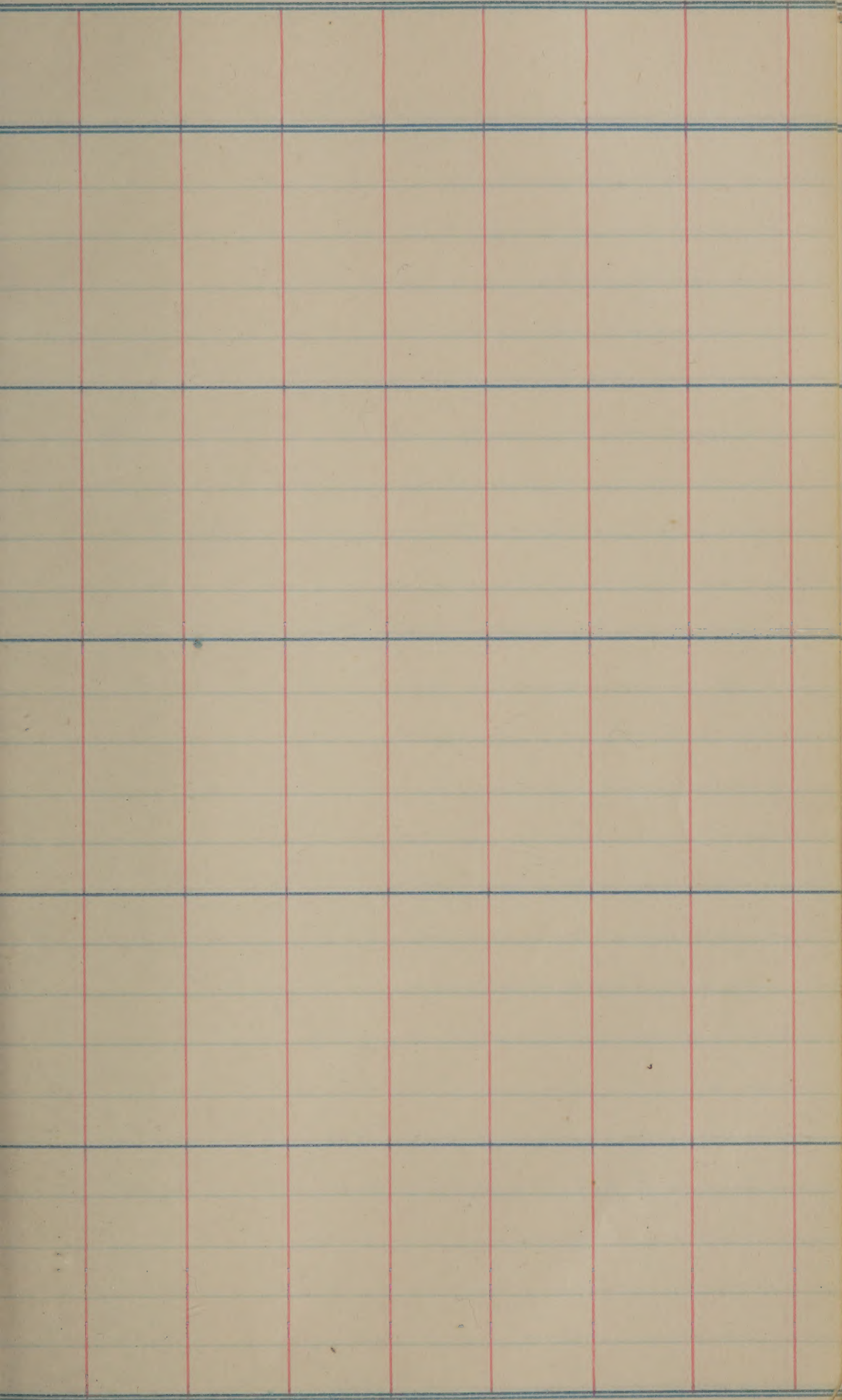








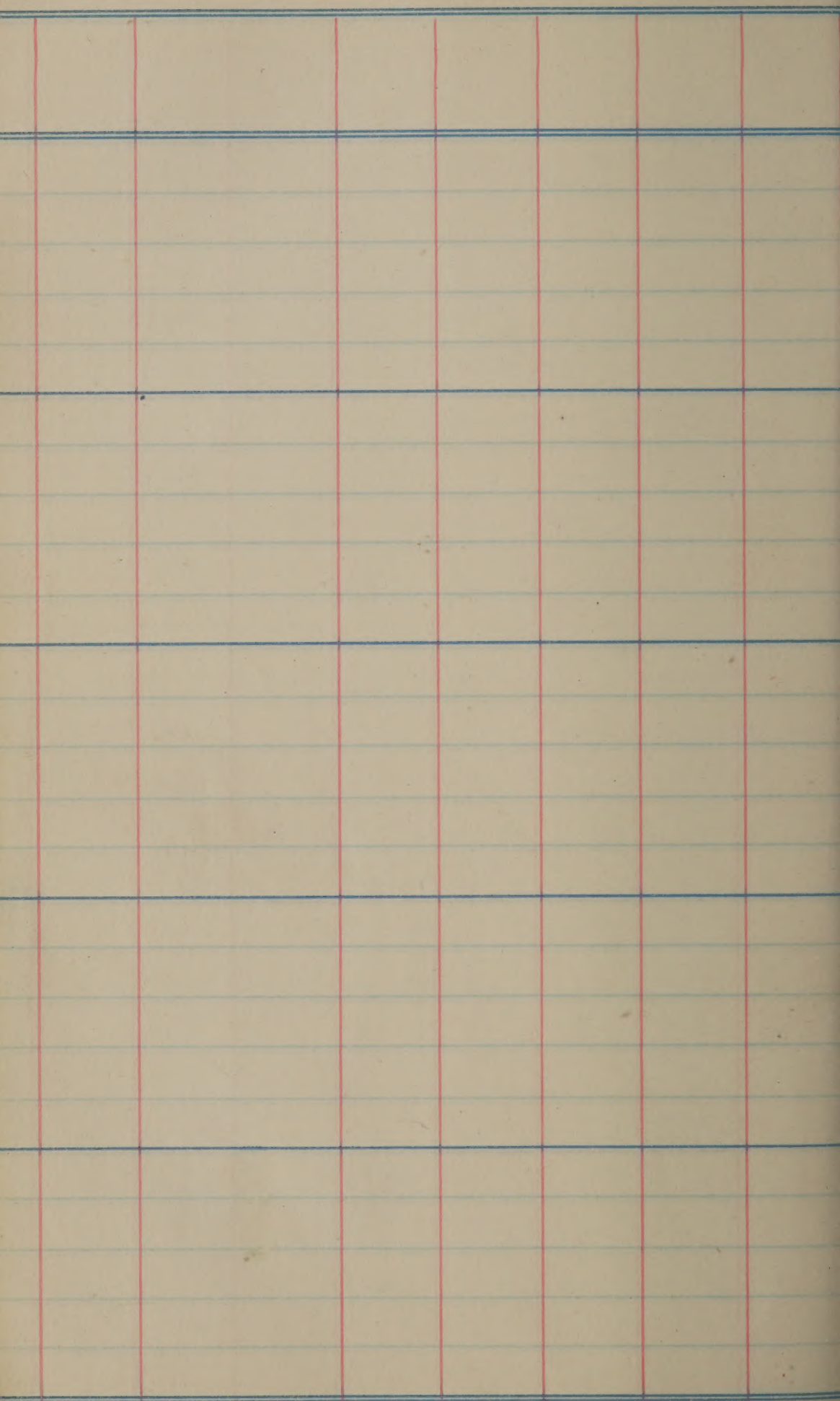




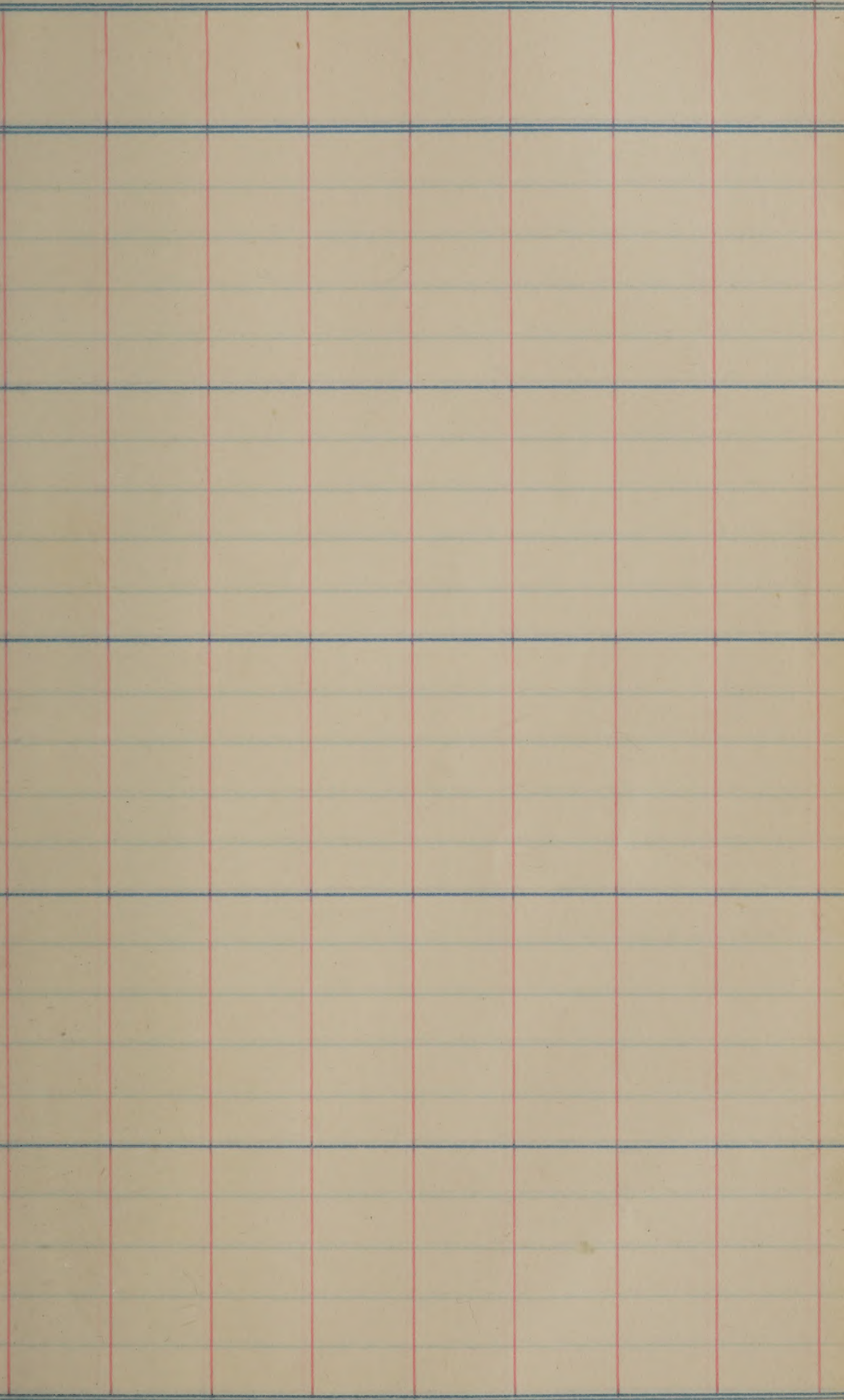






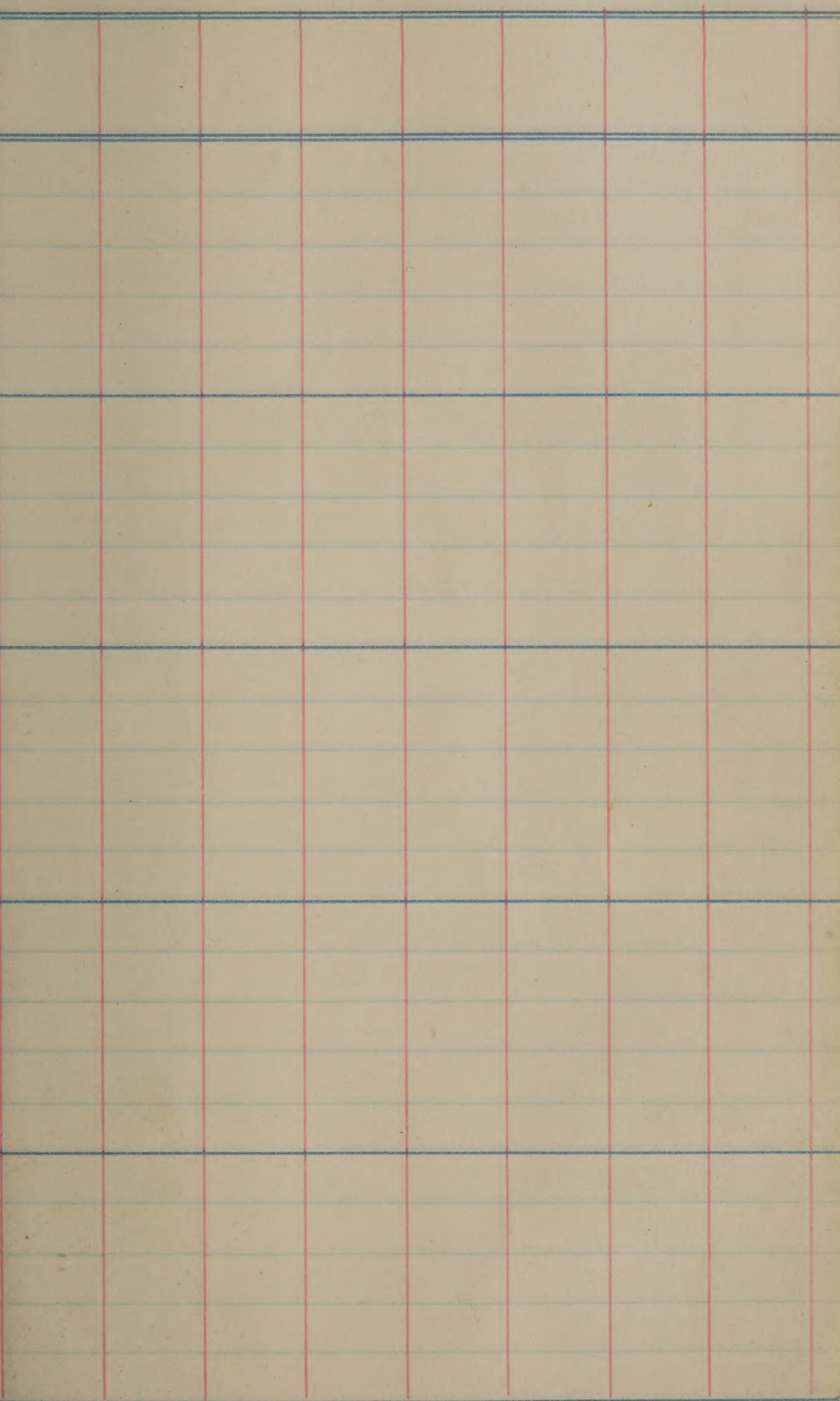




















## CROSSES MADE GREENHOUSE 1954-5

| DATE             | CROSS NO.         | ♀<br>PARENT          | POT NO.        | ♂<br>PARENT         |              |
|------------------|-------------------|----------------------|----------------|---------------------|--------------|
| 11-23            | B5457A            | COLUSA X O. CUBENSIS | 58             | B5387A1<br>F1 PLANT |              |
| 11-24            | B5458A            | B5316A1              | 56             | B5387A1             |              |
| 11-24            | B5459A            | B5316A1              | 54             | B5387A1             |              |
| 11-25            | B5460A            | 2164 (HDL X BB)      | 11             | B5316A1             | 5            |
| 11-25            | B5461A            | B5320A1              | 48             | B5387A1             | 1            |
| 11-27            | B5462A            | 2164 (HDL X BB)      | 11             | B5387A1             | 1            |
| 11-28            | B5463A            | B5316A1              | 55             | B5340A4             | 5            |
| 11-29            | B5464A            | GRASSY DWARF (202)   |                | RED C.P.            | 11           |
| 11-30            | B5465A            | STERILE<br>C75120B   | 109            | B5316A1             | 5            |
| 12-2             | B5466A            | B4512A1-32           | 11             | B5319A              | 8            |
| 12-3             | B5467A            | B5232A1-43           | 71             | B5387A              | 1            |
| 12-5             | B5468A            | RED C. P.            | 111            | GRASSY DWARF 20     |              |
| 12-6             | B5469A            | C75120B              | 109            | B5316A1             | 5            |
| 12-7             | B5470A            | BBT 50               | 91             | B5313A1             | 5            |
| 12-8             | B5471A            | BBT 50 STERILE       | 65             | B5387A1             | 1            |
| 12-8             | B5472A            | BBT 50               | 91             | B5223A1-27          |              |
| 12-8             | B5473A            | TETRA C.P.           | 64             | B5233A1-367         |              |
| 12-9             | B5474A            | RED C.P.             | 111            | C.P. X CUBAN 10     |              |
| 12-13            | B5475A            | T. P.                | 96             | B5233A1-367         |              |
| 12-13            | B5476A            | BBT 50               | 91             | B5223A1-82          |              |
| 12-13            | B5477A            | C.P. (TETRA)         | 64             | B5320A1             | 4            |
| 12-15            | B5478A            | "                    | 64             | B5387A1             | 4            |
| 12-17            | B5479A            | T. P.                | 94             | B5233A1-367         |              |
| <del>12-17</del> | <del>B5480A</del> | <del>BBT 50</del>    | <del>101</del> | <del>B5313A1</del>  | <del>5</del> |
| 12-17            | B5480A            | REXORD               | 101            | B5312A              | 8            |



NO  
SEED DATE  
HAR.

|    |            |                       |
|----|------------|-----------------------|
| 0  | —          | —                     |
| 1  | 12/14      | pl                    |
| 0  | —          | pl                    |
| 8  | 12/14      | †                     |
| 28 | late 12/13 | pl                    |
| 2  | 12/14      | pl                    |
| 3  | 12-14      | pl                    |
| 3  | 1-1        | pl                    |
| 15 | 1-1        | pl                    |
| 9  | 1-1        | pl                    |
| 25 | 1-1        | pl                    |
| 3  | 1-1        | pl                    |
| 2  | 1-1        | pl                    |
| 14 | 1-1        | pl                    |
| 0  | —          | —                     |
| 8  | 1-11       | <del>pl</del>         |
| 0  | —          | —                     |
| 1  | 1-11       | xl 3-18-55            |
| 64 | 1-6        | ✓ pl 0 seeds 25 black |
| 25 | 1-11       | pl. g. h 3-30-55      |
| 9  | 1-11       | —                     |
| 1  | 1-11       | —                     |
| 4  | late       | pl. g. h. 4-4         |
| 0  | —          | —                     |
| 33 | late       | pl 3-18-55            |

|              | ♀                | POT<br>NO | ♂                    |    |
|--------------|------------------|-----------|----------------------|----|
| 12-18 B5481A | TEXAS P.         | 96        | B5320A               | 4  |
| 12-21 B5482A | (2164) HILL:BBT  | 11        | B5387A               | 1  |
| 12-23 B5483A | TEXAS PATNA      | 96        | B5387A               | 1  |
| 12-24 B5484A | CHLOROTIC (IBBT) | 66        | C.P. 231             | 10 |
| 12-27 B5485A | C.P. 231         | 102       | <del>CHLOROTIC</del> | 6  |
| 12-27 B5486A | T.P.             | 97        | B5233A-36            | 7  |
| 12-27 B5487A | C.P. 231         | 104       | B5319A               | 8  |
| 12-28 B5488A | T.P.             | 97        | B5320A               | 4  |
| 12-28 B5489A | C.P. 231         | 104       | B5319A               | 8  |
| 12-31 B5490A | BB50 DWARF       | 61        | BBT50                | 9  |
| — B5491A     | Rexco            | 99        | B5313A1              | 5  |



|           |        |   |                |
|-----------|--------|---|----------------|
| 4         | 1-27   | — | pl. g. h. 4-1  |
| 10        | 1-27   |   | pl. 3-25-55    |
| 17        | 1-27   |   | pl. 3-25-55    |
| 2         | 1-27   |   | pl. 3-18-55    |
| 8         | 1-27   |   | pl. 3-18-55    |
| 49 ✓      | 1-27 ✓ |   | pl. g. h. 4-4  |
| 42        | 1-27   | — | pl. g. h. 3-31 |
| 9         | 1-27   | — | pl. g. h. 4-1  |
| 30        | 1-27   | — | pl. g. h. 3-31 |
| 11        | 1-27   |   | pl. 3-18-55    |
| 9         | loc.   |   | pl. 3-18-55 ✓  |
| 449 total |        |   |                |



1955 Crosse

| DATE            | CROSS NO.                         | female parent                |  | POT NO              | male parent |                   |
|-----------------|-----------------------------------|------------------------------|--|---------------------|-------------|-------------------|
|                 |                                   | ♀                            |  |                     | ♂           |                   |
| ✓ 1-2           | B551A                             | TEXAS PATNA                  |  | 97                  |             | B5340A4           |
| ✓ 1-2           | B552A                             | SHORT GRAIN<br>BBT           |  | 227                 |             | BBT 50            |
| ✓ 1-3           | B553A                             | TEXAS P.                     |  | 96                  |             | B5316A1           |
| ✓ 1-6           | B554A                             | TALL POLLY WISK<br>C.P. TYPE |  | 67                  |             | RED C.P.          |
| ✓ 1-6           | B555A                             | SATAI                        |  | 62<br><del>67</del> |             | Red C.P.          |
| ✓ 1-8           | B556A                             | BBT. 50                      |  | 91                  |             | B5223A1-8         |
| ✓ 1-8           | B557A                             | BBT 50                       |  | 91                  |             | B5223A2-2         |
| ✓ 1-8           | B558A                             | BBT 50                       |  | 91                  |             | B5316A1           |
| ✓ 1-10          | B559A                             | C.P. 231                     |  | 103                 |             | B5232A1-43        |
| ✓ 1-10          | B5510A                            | C.I. 5120B                   |  | 109                 |             | BBT 50            |
| ✓ 1-10          | B5511A                            | C.I. 5120B                   |  | 109                 |             | T. P.             |
| ✓ 1-10          | B5512A                            | BBT 50                       |  | 91                  |             | B5223A1-8         |
| ✓ 1-12          | B5513A                            | C.I. 5120B                   |  | 109                 |             | REYORO            |
| ✓ 1-12          | B5514A                            | C.I. 5120B                   |  | 109                 |             | C.P. 231          |
| ✓ 1-12          | B55 <sup>24</sup> <del>15</del> A | C.P. 231                     |  | 104                 |             | B543A             |
| 1-13            | B5515A                            | STERILE BBT 50               |  | 224                 |             | BBT 50            |
| 1-13            | B5516A                            | STERILE CP 231               |  | 225                 |             | C.P. 231          |
| ✓ 1-13          | B5517A                            | C.P. 231                     |  | 104                 |             | B543A             |
| <del>1-14</del> | <del>B5518A</del>                 | <del>C.P. 231</del>          |  | <del>104</del>      |             | <del>B5319A</del> |
| ✓ 1-16          | B5519A                            | C.P. 231                     |  | 103                 |             | B5319A            |
| ✓ 1-18          | B5520A                            | C.P. 231                     |  | 33                  |             | B547A             |
| ✓ 1-18          | B5521A                            | C.P. 231                     |  | 104                 |             | B543A             |
| ✓ 1-18          | B5522A                            | C.P. 231                     |  | 104                 |             | B543A             |
| ✓ 1-19          | B5523A                            | TALL C.P.                    |  | 25                  |             | C.P. 231          |
| <del>1-20</del> | <del>B5524A</del>                 | <del>C.P. 231</del>          |  | <del>104</del>      |             | <del>B543A</del>  |



Additional Crosses listed  
in 1955 & 1956 cross book

140

no  
birds

|    |      |
|----|------|
| 28 | 1-27 |
| 21 | 1-27 |
| 33 | 1-27 |
| 0  | 1-27 |
| 0  | 1-27 |
| 15 | 2-7  |
| 13 | 2-7  |
| 29 | 2-7  |
| 41 | 2-7  |
| 8  | 2-7  |
| 6  | 2-7  |
| 3  | 2-7  |
| 9  | 2-7  |
| 2  | 2-7  |
| 14 | 2-7  |
| +  | -    |
| +  | -    |
| 28 | 2-7  |
| -  | -    |
| 11 | 2-10 |
| 26 | 2-10 |
| 21 | 2-7  |
| 25 | 2-7  |
| 2  | 2-9  |



| DATE | CROSS NO. | ♀         | Pct<br>no | ♂                        |    |
|------|-----------|-----------|-----------|--------------------------|----|
| 1-20 | B5525A    | C.P.231   | 22        | B542A                    | 2  |
| 1-20 | B5526A    | C.P.231   | 22        | B542A                    | 2  |
| 1-20 | B5527A    | C.I.5120B | 109       | Zenith                   | 1  |
| 1-20 | B5528A    | C.P.231   | 29        | B545A                    | 2  |
| 1-21 | B5529A    | BB+50     | 92        | B5223A1-8                | 1  |
| 1-21 | B5530A    | BB+50     | 92        | B5223A1A                 | 1  |
| 1-21 | B5531A    | BB+50     | 92        | B5223A2-2                | 1  |
| 1-21 | B5532A    | C.I.5120B | 109       | C.P.231                  | 2  |
| 1-23 | B5533A    | BB+50     | 92        | B5223A1-8                | 1  |
| 1-23 | B5534A    | C.P.231   | 103       | B5319A                   | 8  |
| 1-25 | B5535A    | C.P.231   | 33        | B547A                    | 3  |
| 1-25 | B5536A    | C.P.231   | 29        | B545A                    | 2  |
| 1-25 | B5537A    | C.P.231   | 20        | C.P. X CUBAN             | 1  |
| 1-25 | B5538A    | C.P.231   | 20        | "                        | 1  |
| 1-25 | B5539A    | C.P.231   | 20        | "                        | 1  |
| 1-25 | B5540A    | BB+50     | 92        | B5223A2-2                | 7  |
| 1-25 | B5541A    | T.P.      | 94        | B5320A                   | 4  |
| 1-26 | B5542A    | C.P.231   | 25        | B543A                    | 2  |
| 1-26 | B5543A    | C.P.231   | 22        | B5410A                   | 3  |
| 1-26 | B5544A    | C.P.231   | 33        | B547A                    | 3  |
| 1-28 | B5545A    | C.P.231   | 20        | C.P. X CUBAN             | 10 |
| 1-28 | B5546A    | C.P.231   | 20        | C.P. X CUBAN             | 10 |
| 1-28 | B5547A    | C.P.231   | 20        | CLUB DWARF               | 6  |
| 1-28 | B5548A    | CHLOROTIC | 66        | RED C.P.                 | 1  |
| 1-28 | B5549A    | CHLOROTIC | 66        | HYB. MIX<br>GRASSY DWARF | 2  |



|    |                 |                                         |
|----|-----------------|-----------------------------------------|
| 16 | <sup>2-10</sup> | } clamped from knot 21 to 38<br>BS410A. |
| 14 | 2-10            |                                         |
| 16 | 2-10            |                                         |
| 13 | 2-23            |                                         |
| 39 | 2-23            | } back tagged BS529A                    |
| 6  | 2-23            |                                         |
| —  | 2-23            |                                         |
| 3  | 2-23            |                                         |
| 65 | 2-23            |                                         |
| 11 | 2-23            |                                         |
| —  | ✓ no pollen     |                                         |
| 13 | 2-23            |                                         |
| 4  | 2-23            |                                         |
| 6  | 2-23            |                                         |
| 3  | 2-23            |                                         |
| 35 | 2-23            |                                         |
| 13 | 2-23            |                                         |
| 7  | 2-23            |                                         |
| 16 | 2-23            |                                         |
| 11 | 2-23            |                                         |
| 25 | 2-23            |                                         |
| 10 | 2-23            |                                         |
| 0  | 2-23            |                                         |
| 0  |                 |                                         |
| 1  |                 |                                         |



|                |                   |                     |               |                       |    |
|----------------|-------------------|---------------------|---------------|-----------------------|----|
|                |                   |                     |               | GRASSY DW X C.P.      |    |
| ✓ 1-28         | B5550A            | C.P. 231            | 7             | B5378A                | 1  |
| ✓ 1-28         | B5551A            | C.P. 231            | 7             | B5378A                | 4  |
| ✓ 1-28         | B5552A            | C.P. 231            | 7             | B5378A                | 4  |
| ✓ 1-28         | B5553A            | C.P. 231            | 25            | CRH13                 | 4  |
| —              | B5554A ✓          | T.P.                | 97            | B5320A                | 4  |
| ✓ 1-28         | B5555A            | C.P. 231            | 31            | B546A                 | 3  |
| ✓ 1-30         | B5556A            | CLUB DWARF          | 6             | <del>C.P. 231</del>   | 2  |
| ✓ 1-31         | B5557A            | C.P. 231            | 31            | B546A                 | 3  |
| 2-1            | B5558A            | T.P.                | 95            | B5316A                | 5  |
| 2-1            | B5559A ✓          | T.P.                | 95            | B5316A                | 5  |
| 2-1            | B5560A ✓          | T.P.                | 95            | B502A3-118-71         |    |
| <del>2-1</del> | <del>B5561A</del> | <del>C.P. 231</del> | <del>26</del> | <del>CLUB DWARF</del> |    |
| ✓ 2-2          | B5561A ✓          | C.P. 231            | 7             | B5378A                |    |
| ✓ 2-2          | B5562A            | C.P. 231            | 29            | B545A                 |    |
| ✓ 2-2          | B5563A            | C.P. 231            | 103           | B544A                 |    |
| ✓ 2-2          | B5564A            | C.P. 231            | 103           | B544A                 |    |
| ✓ 2-2          | B5565A            | C.P. 231            | 103           | B544A                 |    |
| ✓ 2-2          | B5566A            | C.P. 231            | 103           | B544A                 |    |
| 2-45           | B5567A            | T.P.                | 94            | B5320A                | 4  |
| ✓ 2-4          | B5568A            | BBT50               | 92            | B5223A227             |    |
| 2-4            | B5569A            | O. BARTHE           | 144           | BBT50                 | 9  |
| 2-4            | B5570A            | O. Barthé           | 144           | C.P. 231              | 10 |
| ✓ 2-4          | B5571A            | C.P. 231            | 103           | B544A                 | 26 |



19 2-28

78 2-28

52 2-28

20 2-28

18

20 2-28

6

16 2-28

— no pollen

— no pollen

3

—

31

7 2-23

7

26

12

16

10+1

2 2-23

—

—

34

head uncovered may be pollen



| DATE           | CROSS NO.         | ♀ Parent                     | POT NO.        | ♂ Parent            |
|----------------|-------------------|------------------------------|----------------|---------------------|
| 2-5            | B5572A ✓          | T. P.                        | 94             | B5320A1 ✓           |
| ✓ 2-6          | B5573A ✓          | C. P. 231                    | 25             | MTU1                |
| ✓ 2-6          | B5574A ✓          | C. P. 231                    | 25             | MTU1                |
| ✓ 2-6          | B5575A ✓          | C. P. 231                    | 7              | B5232A1-43          |
| ✓ 2-7          | B5576A ✓          | C. P. 231                    | 7              | "                   |
| ✓ 2-7          | B5577A ✓          | C. P. 231                    | 7              | "                   |
| ✓ 2-7          | B5578A ✓          | <del>C. P. 231</del> BB150 ✓ | 92             | B5223A2-2           |
| ✓ 2-8          | B5579A ✓          | C. P. 231                    | 104            | GEB24               |
| <del>2-8</del> | <del>B5580A</del> | <del>C. P. 231</del>         | <del>104</del> | <del>GO19</del>     |
| ✓ 2-8          | B5580A ✓          | C. P. 231                    | 104            | SLO12               |
| ✓ 2-8          | B5581A ✓          | REXORO                       | 101            | WHITE REXORO        |
| ✓ 2-8          | B5582A ✓          | REXORO                       | 101            | WHITE REXORO (GOLD) |
| ✓ 2-8          | B5583A            | C. P. 231                    | 102            | UPLAND              |
| ✓ 2-9          | B5584A ✓          | T. P. <del>97</del>          | 97             | B5320A1             |
| ✓ 2-10         | B5585A            | Red. C. P.                   | 111            | Toll C. P.          |
| ✓ 2-10         | B5586A            | "                            | 111            | "                   |
| ✓ 2-10         | B5587A ✓          | C. I. 5120B                  | 109            | C. P. 231           |
| ✓ 2-11         | B5588A ✓          | Texas Patna                  | 97             | B5232A1-43          |
| ✓ 2-11         | B5589A ✓          | "                            | 97             | B5232A1-43          |
| ✓ 2-11         | B5590A ✓          | "                            | 96             | CUBAN               |
| ✓ 2-12         | B5591A            | "                            | 94             | B5233A1-36          |
| ✓ 2-12         | B5592A            | "                            | 94             | "                   |
| ✓ 2-12         | B5593A            | "                            | 94             | "                   |
| ✓ 2-12         | B5594A            | "                            | 94             | "                   |
| ✓ 2-13         | B5595A            | "                            | 94             | B5312A2 5           |



17  
18  
2  
25  
60  
27

✓

✓

+ <sup>no</sup> pollen probably self.  
2-23

70

—

3

9

9

— low

10

1

—

9

6

16

—

— low

15+5

20+7

30

emas. + pol. much later

..

..



|      |         |              |     |                   |    |
|------|---------|--------------|-----|-------------------|----|
| 2-13 | B5596A  | C.P. 231     | 104 | CRH 7             | 1  |
| 2-13 | B5597A  | T.P.         | 95  | B502A3-118-7      |    |
| 2-13 | B5598A  | B502A3-118-7 | 110 | T.P. <del>9</del> | 9  |
| 2-15 | B5599A  | C.P. 231     | 102 | B5412A            | 11 |
| 2-15 | B55100A | C.P. 231     | 102 | B5412A            | 11 |
| 2-15 | B55101A | C.P. 231     | 104 | SR26B             | 1  |
| 2-16 | B55102A | C.P. 231     | 102 | B5412A            | 11 |
| 2-16 | B55103A | C.P. 231     | 102 | B5412A            | 11 |
| 2-16 | B55104A | C.P. 231     | 102 | B5412A            | 11 |
| 2-17 | B55105A | C.P. 231     | 104 | B5414A            | 11 |
| 2-17 | B55106A | C.P. 231     | 124 | B5418A            | 12 |
| 2-17 | B55107A | C.P. 231     | 122 | B5417A            | 12 |
| 2-17 | B55108A | C.P. 231     | 7   | B5419A            | 12 |
| 2-17 | B55109A | Red Bbt 50   | 148 | Bbt 50            | 13 |
| 2-17 | B55110A | B5451A       | 160 | Bbt 50            | 13 |
| 2-17 | B55111A | C.P. 231     | 33  | 54-2275           | 8  |
| 2-17 | B55112A | Red C.P. 111 |     | Tall C.P. 7       |    |
| 2-18 | B55113A | C.P. 231     | 118 | B5412A            | 11 |
| 2-18 | B55114A | C.P. 231     | 104 | B5414A            | 12 |
| 2-18 | B55115A | C.P. 231     | 104 | B5414A            | 12 |
| 2-18 | B55116A | C.P. 231     | 7   | B5419A            | 12 |
| 2-18 | B55117A | C.P. 231     | 124 | B5418A            | 12 |
| 2-18 | B55118A | T.P.         | 94  | B5233A1-367       |    |
| 2-19 | B55119A | C.P. 94      | 2   | Red C.P.          | 11 |
| 2-19 | B55120A | C.P. 231     | 124 | B5418A            | 12 |



hac  
ac



tag removed



|      |         |                               |     |                                         |    |
|------|---------|-------------------------------|-----|-----------------------------------------|----|
| 2-20 | B55121A | C.P. 231                      | 116 | B5415A                                  | 12 |
| 2-20 | B55122A | TALL <sup>POLLY H.</sup> C.P. | 67  | REXORD                                  | 11 |
| 2-20 | B55123A | T.P.                          | 94  | <del>B5320A</del> <sup>B5223A1-36</sup> | 12 |
| 2-20 | B55124A | Bbt 50                        | 159 | B5423A                                  | 13 |
| 2-21 | B55125A | C.P. 231                      | 33  | B5419A                                  | 12 |
| 2-22 | B55126A | Bbt 50                        | 153 | <del>B5432A</del> <sup>B5223A2-2</sup>  | 13 |
| 2-22 | B55127A | B5450A                        | 158 | Bbt 50                                  | 15 |
| 2-22 | B55128A | T.P.                          | 97  | B5312A                                  | 25 |
| 2-22 | B55129A | C.P. 231                      | 116 | B5415A                                  | 12 |
| 2-22 | B55130A | B5452A                        | 162 | Bbt 50                                  | 15 |
| 2-23 | B55131A | B5454A                        | 166 | Bbt 50                                  | 19 |
| 2-23 | B55132A | B5451A                        | 160 | Bbt 50                                  | 15 |
| 2-23 | B55133A | C.P. 231                      | 122 | B5417A                                  | 12 |
| 2-23 | B55134A | T.P.                          | 94  | B5312A                                  | 25 |
| 2-23 | B55135A | TALL C.P.                     | 39  | C.P. young D.                           | 2  |
| 2-24 | B55136A | Bbt 50                        | 150 | B5335A                                  | 55 |
| 2-24 | B55137A | Bbt 50                        | 150 | B5335A                                  | 55 |
| 2-24 | B55138A | Bbt 50                        | 150 | B5335A                                  | 55 |
| 2-24 | B55139A | <sup>C.P.</sup> Grass D.      | 2   | B5378A                                  | 1  |
| 2-24 | B55140A | C.P. young D.                 | 2   | B5378A                                  | 1  |
| 2-24 | B55141A | C.P. young D.                 | 2   | B5378A                                  | 1  |
| 2-25 | B55142A | C.P. 231                      | 154 | <del>B5411A</del> <sup>C025A</sup>      | 10 |
| 2-25 | B55143A | C.P. 231                      | 155 | B5422A                                  | 13 |
| 2-25 | B55144A | Bbt 50                        | 159 | B5423A                                  | 13 |
| 2-25 | B55145A | Bbt 50                        | 159 | B5423A                                  | 13 |



## Miscellaneous notes

placed Camelia seed in agar in  
 generator 11-20-54. Temp. 85°C.

Planted tulips in greenhouse 11-22-54  
 also black locust seed

X Planted P. luteus + P. sativus in pot  
 crossed with BBT 50 selfed plant  
 applied Koolon to each. 11-23-54





-20 XB551A CP231(7) Zenth (5)

91x52 - B5470

64x70 - B5473

109x54 - B5469

91x73 - B5472

65x10 - B5471

149

156

124  
C.P. 231 x 117

Bkt 50x160

"

158

90  
91  
92  
93

Bkt 50x

73

76

82

84

51

94  
95  
96  
97

T.P.

48, 49, 50

53

70, 77, 78, 79, 81

57

B502A2-119-1

502A2-113-1

Rox

88

Cip

71



♀

B5421A

B5413A

start 12<sup>th</sup>

109 X 101 ✓

62 X CP or Red CE. St.

109 X CP ✓

104 X 24 ✓

(CP) 22 X 21 Check 13<sup>th</sup>

20 X 19

33 X 32

RE Plant 104 80

FEW SEED Club dwarf X CE. St.

2 X 6

2 X 3

17 X 3

211 X C.P.

225 X CP ✓

224 X BB + SD ✓

C.P. X 86

Planted 109 X youth





1954

# JOURNAL

1954

1954

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Varietal Improvement

Field Record

Book.

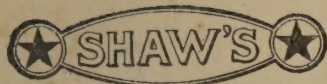
Notes By

Wilson Fisher

---



5 x 7 = 25¢ each  
4 x 5 = 18¢ each



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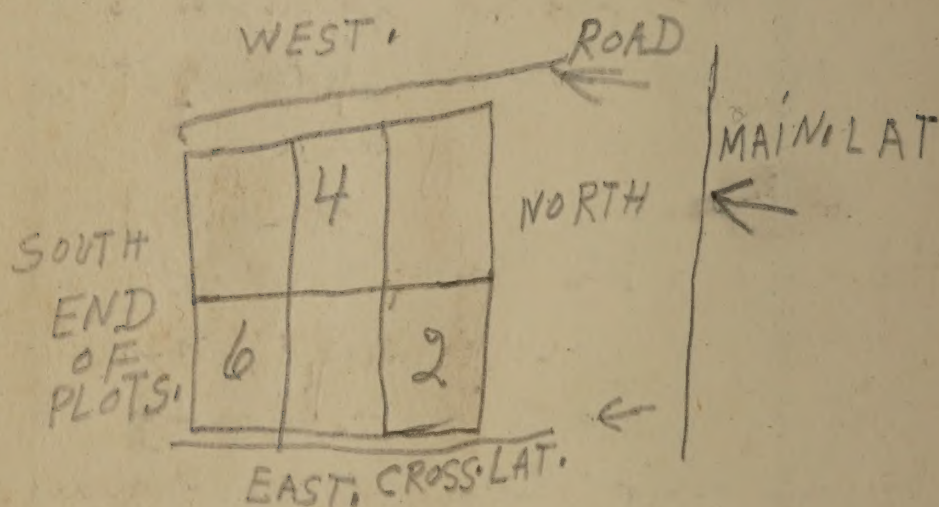
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1954 Crop Season 18

## S5 Area, Vanetal Impr

Land was plowed in July 1953, disked and harrowed in late July and early August.

was land plowed (60 foot) several times in fall of 1953.

Disked in February 1954, land plowed once in late February using 60 foot land plane. Cross fences were built in late February, 1954, using hydraulic fence builder.

Land was in rice in 1951, soon to white down in fall of 1951, and fertilized with 0-45-0 at the rate of 60<sup>#</sup> P<sub>2</sub>O<sub>5</sub> per acre. Area was again fertilized with 30<sup>#</sup> P<sub>2</sub>O<sub>5</sub> using 0-45-0 in fall of 1952. Land was mowed several times during summer months of 1952 and early 1953 and hay crop removed at least once each summer.

TP 49 Increase

EAST 1 E

SPRING TOOTH AND HARRED 6 TIMES

PLANTED 5/18

I 5/19

1st. EMERGED: 5/24 FULL

D-5/20

I-5/24

D-5/25

I-6/1

D-6/1

FERT 6/7

I-6/8

Drain 6/15

I-6/23

D-7/7

I-7/13

Drain 7/26

D-7/27

I-8/5

I-9/14

D-10/16 TO HARVEST

HARVEST-10/22 3 SACKS GREEN WT

DRYED 108

124

93

115

29

131



WEST 1

W

Pathology  
nematodeHARRED 5 TIMES  
PLANTED

4/21

I - 4/23

D - 4/24

1st EMERGED - 4/28 FULL 5/2

FERT - 5/17

5/2

I 5/9

D 5/10

FERT 5/17

I - 5/17

D - 5/24

I - 5/27

I - 6/11

I - 6/18

I - 6/30

I - 7/9

I - 7/22

I - 8/12

I - 9/14

D - 9/24 TO HARVEST

4  
EAST 2 E

WATERSEEDED

I 3-24

D 3-25

I AND DRAINED 4-2

HARRED

PLANTED

4/21

I - 4/23

D - 4/24

1<sup>st</sup> EMERGED

4/28 FULL 5/2

I 5/9

D 5/10



WEST 2 W

Path, nematode

HARRED 5 TIMES

PLANTED 4/21

I-4/23

D-4/24

1st EMERGED

4/28 FULL 5/2

I 5/9

D 5/10

FERT 5/17

I 5/17

D-5/24

I-5/27

I-6/11

I-6/16

I-6/30

I-7/9

I-7/22

I-8/12

I-9/14

D-9/24 TO HARVEST.

6

EAST

3

E

PLANTED, 3 - 17

I 3 - 19

D 3 - 20

I AND DRAINED 4 - 2

HARRED  
PLANTED

1st EMERGED

I 5/9

D 5/10

4/29

4/30

5/1 FULL 5/11



WEST 3 W

7

Path nematode

HARRED 4. TIMES

PLANTED 4/21

I-4/23

D-4/24

1st EMERGED 4/28, FULL 5/2

I 5/9

D 5/10

FERT 5/17

I-5/17

D-5/24

I-5/27

I-6/11

I-6/18

I-6/30

I-7/9

I-7/22

I-8/12

I-9/14

D-9/24 TO HARVEST.

8

EAST 4 E

SPRING TOOTH-AND HARRED 6 TIMES



WEST 4 W

9

TP49, Increase

SPRING TOOTH AND HARRED 8 TIMES

PLANTED 5/18

I-5/19

1st EMERGED 5/24

D 5/20

FULL 29

I-5/24

D-5/25

I-6/1

D-6/1

FERT 6/7

I-6/8

Drain 6/15

I 6/23

I 6/29

D-7/7

I 7/12

HARVEST-10/23

DRAIN 7/26

2 SACKS

D-7/27

GREEN. WT

I-8/6

128

I-8/16

125

DRYED. 116

I-8/30

116

I-9/13

D-10/16 TO HARVEST

10

EAST 5 E

Rexro Increase

SPRING TOOTH AND HARRED 6 TIMES

PLANTED 5/18

I-5/19 1<sup>st</sup> EMERGED 5/24 FULL 29

D-5/20

I-5/24

D-10/19

D-5/25

TO HARVEST

I-6/1

D-6/1

HARVEST

FERT. 6/7

11/3

I-6/8

Drain 6/15

2.5 SACKS

I-6/23

GREEN WT

I-6/29

131

D-7/7

128

I-7/12

Drain 7/26

259

D-7/27

I-8/5

I-8/16

I-8/30

I-9/13

I-9/27



3 WEST 5 W  
 SPRING TOOTH AND HARRED 4 TIMES

PLANTED 3-18 March 18th 1897

I 3-19

D 3-20

FIRST EMERGED 3-27

I AND DRAINED 4-2

FULLY EMERGED 4-3

FERT.

4/13

I 4/14

D-9/20

I 4/19

TO HARVEST

I-4/23

D-5/5

I-5/11

D-5/26

I-6/4

I-6/15

I-6/23

I-6/29

I-7/12

I-7-27

I-8/6

I-8/16

I-9/13

12

EAST 8 E

Rexco Lucerne

SPRING TOOTH AND HARRED 6 TIMES

PLANTED 5/16

I-5/19, AT EMERGED 5/24 FULL 29

D-5/20

I-5/24

D-5/25

I-6/1

D-6/1

FERT 6/7

I-6/8

Drain 6/15

I-6/23

I-6/29

D-7/7

I-7/12

Drain 7/26

I-8/5

I-8/16

I-8/30

I-9/13

I-9/27

D-10/19 TO HARVEST

HARVEST 11/3

2 SACKS

GREEN. WT

126

130

259

505



WEST 6 W

HARRRED 4/20

PLANTED 4/20 April 20th

I-4/23

D-4/24

1st EMERGED 4/28/FULL 5/2

FERT. 5/10

I 5/11

No CI. 8920 on 6/17

I 5/21

D 5/31

I-6/8

I-6/15

I-6/23

I-6/29

I-7/12

I-7/27

I-8/6

I-8/16

I-9/13

D-9/27 TO HARVEST

14 Verbena

EAST 7

E

SPRING TOOTH AND HARRED 6 TIMES

T. HARRED 4 TIMES

PLANTED 4/21

I-4/23

D-4/24

EMERGED 4/26 FULL 5/2

FERT. 5/6

I-5/18

I-5/24

D-6/1

I-6/8

I-6/23

I-6/29

I-7/12

I-7/27

I-8/16

D-9/3 TO HARVEST



May Late Sdg 1+2 15

WEST 7 W

May Late Sdg

SPRING TOOTH AND HARROD 4 TIMES

PLANTED 5/11

I 5/11 BY RAIN

1st EMERGED 5/16 FULL 5/21

I 5/18

D 5/19

I-5/24

D-5/25

FERT. 6/1

I-6/2

Drain 6/15

I-6/23

I-6/29

I-7/12

I-7/27

I-8/6

I-8/16

I-9/13

I-9/27

D-10/8 TO HARVEST

16

EAST 8

E

*Verbena*

HARRED 6 TIMES

PLANTED 4/21

I-4/23

D-4/24

1st EMERGED 4/28 FULL 5/2

FERT 5/6

I-5/17

I-5/24

D-6/1

I-6/8

I-6/23

I-6/28

I-7/12

I-7/27

I-8/11

T-8/16

D-9/3 TO HARVEST



June Date & Day.

17

WEST

8

W

SPRING TOOTH AND HARRED 9 TIMES

PLANTED-6/14

I-6/15

D-6/16

INT. EMERGED 6/19 FULL 6/23

I-6/23

D-6/26

FERT. 6/30

I-7/1

D-7/7

I-7/12

Drain 7/22

I-7/27

D-8/2

I-8/10

I-8/16

I-8/25

I-9/13

I-9/27

D-10/26 TO HARVEST

18

EAST 9 E

*Herbicides*

HARRED 6 TIMES  
PLANTED 4/21  
I-4/23  
D-4/24  
1 ~~AT~~ EMERGED 4-28 FULL 5/2  
FERT 5/6  
I-5/17  
I-5/24  
D-6/1  
I-6/8  
D-6/14  
I-6/28  
I-7/12  
I-7/27  
I-8/11  
I-8/16  
D-9/3 TO HARVEST



July Date ddy. 1-2 repl

19

WEST

9

W

SPRING TADPHAND HARR'ED 12 TIMES

PLANTED-7/12

I-7/12

1st EMERGED 7/16

D-7/13

FULL 7/20

I-7/21

FERT 7/26

D-7/23

I-8/10

D-8/16

I-8/25

I-9/13

I-9/27

D-10/26 TO HARVEST

20

EAST 10 E

Herbicides

HARRED 6 TIMES

PLANTED 4/21

I - 4/23

D - 4/24

1st EMERGED 4/28 FULL 5/2

FERT. 5/6

I - 5/13

I - 5/17

D - 6/4

I - 6/8

I - 6/28

I - 7/1

I - 7/27

I - 8/11

D - 9/3 TO HARVEST



March Saturday 31 21

WEST 10 W

SPRING TOOTH AND HARRED 4 TIMES

PLANTED 3-18

I 3-19

D 3-20

FIRST EMERGED 3-27

I AND DRAINED 4-2

FULLEY EMERGED 4-3

FERT.

4/13

I

4/14

I

4/19

I-4/23

D-5/5

I-5/11

D-5/26

I-6/4

I-6/15

I-6/23

I-6/29

I-7/12

I 7/27

I-8/16

I-9/13

D-9/20 TO HARVEST

22

EAST 11

E

*Herbicides*

HARRED 60 TIMES

PLANTED 4/21

I - 4/23

D - 4/24

1~~ST~~ EMERGED - 4/26 FULL 5/2

FERT. 5/6

I - 5/13

I - 5/17

D - 6/4

I - 6/8

6/28

I - 7/1

I - 7/27

I - 8/11

D - 9/7. TO HARVEST



April date sdg, 3x4 repl 23

WEST 11 W

HARRED. 4/20  
PLANTED 4/20

I - 4/23

D - 4/24

EMERGED 4/28 FULL 5/2

FERT. 5/18

I - 5/11 NWC I 8970 Iner on 7/16

D - 5/31

I - 6/8

I - 6/15

I - 6/23

I - 6/29

I - 7/12

I - 7/27

I - 8/6

I - 8/16

I - 9/13

D - 9/27. TO HARVEST

24

EAST 12

E

*Herbicides*

S.T. HARRED 6 TIMES

PLANTED 4/21

I-4/23

D-4/24

1st EMERGED 4/28 FULL 5/2

FERT. 5/6

I-5/13

I-5/17

D-6/4

I-6/8

I-7/1

I-7/27

I-8/11

D-9/7 TO HARVEST



May Date Sky, 30 yrs 25  
WEST 12 W

SPRING TOOTH AND HARRED 4 TIMES  
PLANTED 5/11

I 5/11 BK RAIN

1st EMERGED 5/16 FULL 5/21

I-5/19

D-5/20

I-5/24

D-5/25

FERT 6/1

I-6/2

Drawn 6/15

I-6/23

I-6/29

I-7/12

I-7/27

I-8/6

I-8/16

I-9/13

D-10/8 TO HARVEST

26

EAST 13 E

*Redbirds* HARVEST TIMES

P.T. HARRED 6 TIMES

PLANTED 4/21

I-4/23

D-4/24

1<sup>st</sup> EMERGED 4/24 FULL 5/2

FERT 5/6

I-5/19

D-6/1

I-6/8

I-6/25

I-7/12

I-7/27

I-8/10

I-8/16

D-9/3 TO HARVEST



WEST 13 W

27

SPRING TOOTH AND HARRED 9 TIMES  
PLANTED - 6/14

I - 6/15

D - 6/16

1st EMERGED 6/19 FULL 6/23

I - 6/23

D - 6/26

FERT. 6/30

I - 7/1

D - 7/7

I - 7/12

D - 7/22

I - 8/10

D - 8/16

I - 8/25

I - 9/13

I - 9/27

D - 10/26 TO HARVEST

28

EAST 14

E

T. HARRED 6 TIMES -  
PLANTED 4/21

I - 4/23

D - 4/24

1st EMERGED 4/28 FULL 5/2

FERT. 5/6

I - 5/19

D - 6/1

I - 6-8

D - 6/14

I - 6/25

I - 7/12

I - 7/27

I - 8/10

I - 8/16

D - 9/3 TO HARVEST



July 29<sup>th</sup> Wed 304 repl  
WEST 14 W

SPRING TOOTH AND HARRED 12 TIMES  
PLANTED-7/13

I-7/13

D-7/14

EMERGED 7/17 FULL 7/21

I-7/21 FERT 7/24

D-7/23

I-8/10

D-8/16

I-8/25

I-9/13

I-9/27

D-10/26 TO HARVEST

30

Herbicides

EAST 15

E

THARRED 6 TIMES  
 PLANTED 4/21  
 I - 4/23  
 D - 4/24  
 1- EMERGED 4/28 FULL 5/2  
 FERT. 5/6  
 I - 5/19  
 D - 6/1  
 I - 6-8  
 D - 6-14  
 I - 6/25  
 I - 7/12  
 I - 7/27  
 I - 8/6  
 I - 8/10  
 I - 8/16  
 D - 9/3 TO HARVEST



B

31

WEST 15 W

3 TIMES

SIT HARRED 4/23

PLANTED 4/24

I - 4/29

D - 4/30

EMERGED 5/6 FULL 5/12

I - 5/9 TH

D - 5/10

FERT - 5/21

I - 5/21

D - 6/5

I - 6/11

I - 6/16

D - 6/25

I - 7/1

I - 7/12

I - 7/27

I - 8/6

I - 8/16

D - 8/31 TO HARVEST

32

Doms

EAST 16 E

SPRING TOOTH AND HARRED 4 TIME

PLANTED 5/11

I 5/11 BY RAIN

1/2 EMERGED 5/16 FULL 5/21

I-5/19

D-5/20

I-5/24

D-5/25

FERT. 6/1

I-6/2

D-6/7

I-6/11

D-6/15

I-6/23

D-6/30

I-7/12

I-7/27

I-8/6

I-8/16

D-9/16 TO HARVEST



WEST 16 W

HARRED 4/23

PLANTED 4/24

I - 4/29

D - 4/30

EMERGED 5/6 FULL 5/12

I - 5/9 TR

D 5/10

FERT - 5/21

I - 5/21

D - 6/5

I - 6/11

I - 6/16

D - 6/25

I - 7/1

I - 7/12

I - 7/27

I - 8/6

I - 8/16

D - 8/31 TO HARVEST

34

6 - Row Breeding nursery

EAST 17

E

SPRING TOOTH SAND HARRER 4 TIMES  
PLANTED 5/11

I 5/11 BY RAIN

I + EMERGED 5/16 FULL 5/21

I - 5/19

D - 5/20

I - 5/24

D - 5/25

FERT. 6/1

I - 6/2

I - 6/8

Rain 6/15

I - 6/23

D - 7/7

I - 7/12

I - 7/27

I - 8/7

I - 8/16

D - 9/13 TO HARVEST



WEST 17

W

35

HARRED 4/23

PLANTED 4/24

I-4/29

D-4/30

1st EMERGED - 5/6 FULL 5/12

I-5/9

D-5/10

FERT-5/21

I-5/21

D-6/5

I-6/11

I-6/16

D-6/25

I-7/1

I-7/12

I-7/27

I-8/7

I-8/16

I-9/13

D-10/23 TO HARVEST

36

6 Row Breeding Nursery

EAST 18

E

SPRING TOOTH AND HARROW 4 TIMES

PLANTED 5/11

I 5/11 BY RAIN

1ST EMERGED 5/16 FULL 5/21

I-5/19

D-5/20

I-5/24

D-5/25

FERT. 6/1

I-6/2

I-6/8

DRAIN 6/15

I-6/24

D-7/7

I-7/13

I-7/27

I-8/7

I-8/16

I-9/13

D-10/6 TO HARVEST



WEST 18 W

37

HARRED 4/23

PLANTED 4/24

I-4/29

D-4/30

1st EMERGED - 5/6 FULL 5/12

I-5/9

D-5/10

FERT-5/21

I-5/21

D-6/5

I-6/11

I-6/16

D-6/25

I-7/1

I-7/13

I-7/26

I-8/7

I-8/10

I-9/13

D-10/23 TO HARVEST

38

4 Row Breeding Mrs

EAST 19

E

SPRING TOOTH AND HARRED 4 TIME

PLANTED 5/11

I 5/11 BY RAIN

1st EMERGED 5/16 FULL 5/21

I-5/19

D-5/20

I-5/24

D-5/25

FERT. 6/1

I-6/2

I-6/8

Dram 6/15

I-6/24

D-7/7

I-7/13

I-7/27

I-8/7

I-8/16

I-9/13

D-10/6 TO HARVEST



WEST 19 W

HARRED 4/23  
PLANTED 4/24  
I-4/29  
D-4/30  
1st. EMERGED 5/6 FULL 5/12  
I-5/9  
D-5/10  
FERT-5/21  
I-5/22  
D-6/5  
I-6/11  
I-6/16  
D-6/25  
I-7/1  
I-7/13  
I-7/26  
I-8/7  
I-8/16  
I-9/13  
D-10/23 TO HARVEST

40

Single Row Breeding Mrs

EAST 20 E

5901-6542

SPRING TOOTH AND HARRED 4 TIMES

PLANTED 5/11

I 5/11 BY RAIN

1st. EMERGED 5/10 FULL 5/21

I-5/19

D-5/20

I-5/24

D-5/25

FERT. 6/1

I-6/2

I-6/8

Draw 6/15

I-6/24

D-7/7

I-7/3

I-7/27

I-8/7

I-8/10

I-9/13

D-10/18 TO HARVEST



= WEST 20 W

HARRED

4/23

PLANTED

4/24

I-4/29

D-4/30

1st EMERGED

5/6 FULL 5/12

I-5/9

D-5/10

FERT-5/21

I-5/22

D-6/5

I-6/11

I-6/16

D-6/25

I-7/1

I-7/13

I-7/26

I-8/7

I-8/16

D-9/3 TO HARVEST

42 Single Row Breeding Mus

EAST 21 E

5943-6584

SPRING TOOTH AND HARRED 4 TIMES

PLANTED 5/11

I 5/11 BY RAIN

1st EMERGED 5/16 FULL 5/21

I-5/19

D-5/20

I-5/24

D-5/25

FERT. 6/1

I-6/2

I-6/6

Drain 6/15

I-6/24

D-7/7

I-7/13

I-7/27

I-8/7

I-8/17

I-9/13

D-10/18 TO HARVEST



WEST 21 W

HARRED - 4/23

PLANTED - 4/28

I - 4/29

D - 4/30

1st EMERGED - 5/6 FULL 5/12

I 5/9

D 5/10

FERT - 5/21

I - 5/22

D - 6/5

I - 6/11

I - 6/16

D - 6/25

I - 7/1

I - 7/13

D - 7/20

I - 7/26

I 8/7

I - 8/17

I - 9/13

D - 9/27 TO HARVEST

44 Single Row Breeding

EAST 22 E

6601 - 7242

SPRING TOOTH AND HARRED TIME

PLANTED 5/17

I-5/19

D-5/20

I-5/24

1st. EMERGED 5/24 FULL 29

D-5/25

FERT. 6/7

I-6/8

Drain 6/15

I-6/24

D-7/7

I-7/13

I-7/28

I-8/7

I-8/17

I-9/13

I-9/14

D-10/6 TO HARVEST



WEST 22 W

HARRED-4/23

PLANTED 4/28

I-4/29

D-4/30

1st. EMERGED 5/6 FULL 5/12

I 5/9

D 5/10

FERT-5/21

I-5/22

D-6/5

I-6/11

I-6/16

D-6/25

I-7/1

I-7/13

D-7/20

I-7/26

I-8/7

I-8/17

I-9/13

D-9/27 TO HARVEST

I-10/6. FOR  
2ND. GROWTHS.

46

Single Row Breeding Mice

EAST

23

E

6643-7284

SPRING TOOTH AND HARRPRED 6 TIMES

PLANTED 5/17

I-5/19

D-5/20

I-5/24

1st EMERGED 5/24 FULL 29

D-5/25

FERT-6/7

I-6/8

Drain 6/15

I-6/24

D-7/7

I-7/14

I-7/28

I-8/7

I-8/17

I-9/14

D-10/6 TO HARVEST



WEST 23 W

47

HARRED-4/23

PLANTED -4/28

I-4/29

D-4/30

1st EMERGED 5/6 FULL 5/12

I 5/9

D 5/10

FERT-5/21

I-5/22

D-6/5

I-6/11

I-6/16

D-6/25

I-7/1

I-7/14

I-7/26

I-8/7

I-8/17

D-8/31 TO HARVEST

48 Smooth Zenith

EAST 24 E

SPRING TOOTH AND HARRED 6 TIMES

PLANTED ~~5/17~~ 5/18

I-5/19

D-5/20

I-5/24

1st EMERGED 5/24 FULL 29

D-5/25

FERT-6/7

I-6/8

Drain 6/15

I-6/24

D-7/7

I-7/14

I-7/28

I-8/7

I-8/17

D-9/9 TO HARVEST



WEST 24 W

HARRED-4/23

PLANTED-4/28

I-4/29

D-4/30

1 ~~ST~~ EMERGED 5/6 FULL 5/12

I 5/9

D 5/10

FERT-5/21

I-5/22

D-6/5

I-6/11

I-6/16

D-6/25

I-7/1

I-7/14

I-7/26

I-8/7

I-8/17

D-8/31 To HARVEST.

50

Smooth Zenith

EAST 25 E

SPRING TOOTH AND HARRED 6 TIMES  
PLANTED 5/18

I-5/19

D-5/20

I-5/24

1 ~~ST~~ EMERGED 5/24 FULL 29

D-5/25

FERT-6/7

I-6/8

Drain 6/15

I-6/24

D-7/7

I-7/14

D-7/28

I-8/5

I-8/17

D-9/19 .TO HARVEST



WEST 25 W

HARRED 4/23

PLANTED 4-28

I-4/29

D-4/30

1-~~4~~ EMERGED 5/6 FULL 5/12

I 5/9

D 5/10

FERT-5/21

I-5/22

D-6/5

I-6/11

I-6/16

D-6/25

I-7/1

I-7/14

I-7/26

I-8/7

I-8/17

I-9/3

I-9/14

D-10/23 TO HARVEST

52

7 P Kel  
EAST 26 ESPRING TOOTH AND HARRED 6 TIMES  
PLANTED 5/18

I-5/19

D-5/20

I-5/24

1 STEMERGED 5/24 FULL 29

D-5/25

FERT 6/7

I-6/8

Drain 6/15

I-6/24

D-7-7

I-7/14

Drain 7/28

D-7/28

I-8/5

I-8/17

I-9/3

I-9/14

I-9/27

D-10/16 TO HARVEST

HARVEST 10/22

2 SACKS

GREEN WT

DRYED

93  
111

101

121



70.90

53

WEST

26 W

Fplots

group-5

SPRING TOOTH AND HARRED 4-6

PLANTED

4/7

2 irrigated

4/8 by long run

1st emerged

4/14 Full 4/19

I-4/28

D-5/5

FERT. 5/11

I-5/12

I-5/14

D-5/31

I-6/8

I-6/17

D-6/22

I-6/28

I-7/14

D-7/20

I-7/26

I-7/27

I-8/17

I-9/3

I-9/14

D-9/22 TO HARVEST

54

7 P M

EAST 27

E

SPRING TOOTH AND HARRED 6 TIMES  
PLANTED 5/18

I-5/19

D-5/20

I-5/24

I-EMERGED 5/24 FULL 29

D-5/25

FERT 6/7

I-6/8

Drain 6/15

I-6/24

D-7-7

I-7/14

Drain 7/28

D-7/28

I-8/7

I-8/17

I-9/3

I-9/14

I-9/27

D-10/16 TO HARVEST

HARVEST 10/22

2 SACKS GREEN W/

117

DRYED

95

109

82



WEST 27 W

Group 3

SPRING TOOTH AND HARRED 4-6  
PLANTED

Irrigated

4/7

4/8 by hand

1st emerged

4/14; Full 4/19

I- 4/28

D- 5/5

FERT 5/11

I 5/12

I- 5/19

D- 5/31

I- 6/8

I- 6/17

D- 6/22

I- 6/28

I- 7/14

I- 8/7

I- 8/17

D- 8/25 TO HARVEST

I- 10/6 FOR 2ND GROWTHS

56

Sunbarnet

EAST 28 E

SPRING TOOTH AND HARRED 6 TIMES  
PLANTED 5/18

I-5/19

D-5/20

I-5/24

1. ~~1~~ EMERGED 5/24 FULL 29

D-5/25

FERT. 6/7

I-6/9

Draw 6/16

I-6/25

D-7/8

I-7/14

I-7/28

I-8/17

I-9/14

D-9/25 TO HARVEST

HARVEST-10/7

4 SACKS GREEN. WT.

108

116

104

E2.



WEST 28 W

group I

SPRING TOOTH AND HARRED 4-6  
PLANTED 4/7

Irrigated

4/8 by big rain

1st emerged 4/14; Full 4/19

I-4/28

D-5/5

FERT 5/11

I-5/12

I-5/20

D-5/31

I-6/9

I-6/17 do not drain any more

I-6/25

I-6/28

I-7/14

I-7/26

DRAIN TO HARVEST 8/12

58

Sunbomed  
EAST 29 E

SPRING TOOTH AND HARRED 6 TIMES

PLANTED 5/18

I-5/19

D-5/20

I-5/24

1~~H~~EMERGED 5/24 FULL 29

D-5/25

FERT. 6/7

I-6/9

Draw 6/16

I-6/25

D-7/8

I-7/14

I-7/28

I-8/17

I-9/14

D-9/25 TO HARVEST

HARVEST, 10/7

4 SACKS GREEN, WT.

106

104

93

104



WEST 23 W

Group-2

SPRING TOOTH AND HARRED 4-6  
PLANTED 4/7

Irrigated 4/8 by boy rain

1st emerged 4/14; Full 4/19

I-4/28

D-5/5

FERT 5/11

I-5/12

I-5/20

D-5/31

I-6/9

I-6/17 Do not drain any more

I-6/25

I-6/28

I-7/14

I-7/28

D-8/23 TO HARVEST

60

B4512A1-20

EAST 30 E

SPRING TOOTH AND HARRED 6 TIMES

PLANTED 5/18

I-5/19

D-5/20

I-5/24

1<sup>st</sup> EMERGED 5/24 FULL 29

D-5/25

FERT. 6/7

I-6/9

Drain 6/16

I-6/25

D-7/8

I-7/14

I-7/28

I-8/17

D-8/31 TO HARVEST 9/20

SACKS GREEN. W.T. 116 DRY. WT

123

111

120

116

115



Group

61

WEST 30 W

Group 4

SPRING TOOTH AND HARRED 4-6  
PLANTED 4/7

Drilled 4/8 by hog ram  
1st emerged 4/14; Full 4/19

I - 4/28

D - 5/5

FERT 5/11

I - 5/12

I - 5/20

D - 5/31

I - 6/9

I - 6/17

D - 6/22

I - 6/28

I - 7/14

I - 7/28

I - 8/17

I - 9/3

D - 9/14 TO HARVEST

62

Imp BBT

EAST 31

SPRING TOOTH AND HARRED 6 TIMES  
PLANTED 5/18

I-5/19

D-5/20

I-5/24

1st EMERGED 5/24 FULL 29

D-5/25

FERT 6/7

I-6/9

Drain 6/16

I-6/25

D-7/8

I-7/14

I-7/28

I-8/17

I-9/3

I-9/14

D-9/25 TO HARVEST

HARVEST 10/12

3 SACKS. GREEN, WT 117

DRY. WT. 109 114

106 117



WEST

31

Group 1

SPRING TOOTH AND, HARRED 4/6  
PLANTED 4/22

I-4/23

D-4/24

1st EMERGED 4/28 FULL 5/2

FERT. 5/10

I 5/12

I-5/20

D-5/31

I-6/9

I-6/17

D-6/22

I-6/28

I-7/14

I-7/28

D-8/17 TO HARVEST

64

Dnp BBT  
EAST 32SPRING TOOTH AND HARRED 6 TIMES  
PLANTED 5/18

I 5/19

D-5/20

I 5/24

1st EMERGED 5/24 FULL 29

D-5/25

FERT 6/7

I-6/9

Lam 6/16

I-6/25

D-7/8

I-7/14

I-7/28

I-8/17

I-9/3

I-9/14

D-9/25 TO HARVEST  
HARVEST-10/13

4 SACKS GREEN WT 63

DRY WT 100

102

104

110

109

112



Group 3 WEST 32

SPRING TOOTH AND HARRED 4/6  
PLANTED 4/22

I-4/23

D-4/24

1st EMERGED

4/28 FULL 5/1

FERT. 5/10

I-5/12

I-5/20

D-5/31

I-6/9

I-6/17

D-6/22

I-6/28

I-7/14

I-7/28

I-8/17

D-8/31 TO HARVEST

SPRING TOOTH AND HARRED. SEVERAL TIME  
PLANTED. 5/31

I - 6/4

D - 6/5

1st EMERGED 6/6 - FULL 6/11

I - 6/9

D - 6/10

I - 6/15

D - 6/16

FERT. 6/23

I - 6/24

D - 7/8

I - 7/15

Diam 7/26

D - 7/27

I - 8/5

I - 8/18

I - 9/14

D - 9/25 TO HARVEST



WEST 33

Group 2

SPRING TOOTH AND HARRED 4/6  
 PLANTED 4-/22

I-4/23

D-4/24

1st. EMERGED 4/28 FULL 5/2

FERT 5/10

I-5/12

I-5/20

D-5/31

I-6/9

I-6/17

D-6/22

I-6/28

I-7/15

I-7/28

I-8/17

D-8/31 TO HARVEST

68

Irradiation

EAST 34

SPRING TOOTH AND HARRED 7 TIMES  
PLANTED 5/31

I - 6/4

D - 6/5

1st EMERGED 6/6 FULL 6/11

I - 6/9

D - 6/10

I - 6/15

D - 6/16

FERT. 6/23

I - 6/24

D - 7/8

I - 7/15

Rain 7/26

D - 7/27

I - 8/5

I - 8/17

I - 9/14

D - 9/25 TO HARVEST



## WEST 34 group 5

SPRING TOOTH AND HARRED 4/16  
PLANTED 4/22  
I-4/23  
D-4/24  
1 ~~1~~ EMERGED 4/28 FULL 5/2  
FERT. 5/10  
I-5/12  
I-5/20  
D-5/31  
I-6/9  
I-6/17  
D-6/22  
I-6/28  
I-7/15  
D-7/20  
I-7/26  
I-8/17  
I-9/14  
D-9/29 TO HARVEST

70

Irradiation

EAST 35

SPRING TROTH AND HARRED 7 TIMES  
PLANTED 6/1

I-6/4

D-6/5

1ST EMERGED 6/6 FULL 6/11

I-6/9

D-6/10

I-6/15

D-6/16

FERT. 6/23

I-6/24

D-7/8

I-7/15

Drain 7/26

D 7/27

I-8/5

I-8/17

I-9/14

D-9/25 TO HARVEST



## WEST 35 group 4

SPRINGTOOTH AND HARRED 4/6

PLANTED - 4/22

I - 4/23

D - 4/24

1st. EMERGED

4/28 FULL 5/8

FERT. 5/10

I - 5/12

I - 5/20

D - 5/31

I - 6/9

I - 6/17

D - 6/22

I - 6/28

I - 7/15

D - 7/20

I - 7/26

I - 8/17

D - 9/14 TO HARVEST

72

Irradiation

EAST 36

SPRING TOOTH AND WARRED 7 TIMES

PLANTED 6/1

I-6/4

D-6/5

~~I-6/8~~ EMERGED 6/10 FULL 6/11

I-6/9

D-6/10

I-6/15

D-6/16

FERT-6/23

I-6/24

D-7/6

I-7/15

Drain 7/26

D-7/27

I-8/5

I-8/18

I-9/14

D-10/5 TO HARVEST



Yield Mrs

73

WEST 36

SPRINGTOOTH AND HARRED 4/7  
PLANTED 4/22

I-4/23

D-4/24

1st. EMERGED 4/28 FULL 5/2

FERT. 5/10

I-5/12

I-5/20

D-5/31

I-6/9

I-6/17

D-6/22

I-6/29

I-7/15

I-7/24

D-8/27 TO HARVEST

74

Irradiation

EAST 37

SPRING TOOTH AND HARRED 7 TIMES  
PLANTED 6/2

I - 6/4

D - 6/5

I - EMERGED 6/8 FULL 6/13

I - 6/9

D - 6/10

I - 6/15

D - 6/16

FERT. 6/23

I - 6/24

D - 7/8

I - 7/15

Drain 7/26

D - 7/27

I - 8/5

I - 8/18

I - 9/14

D - 10/5 TO HARVEST



yield 75

75

WEST 37

SPRING TOOTH AND HARRED 4/7  
PLANTED 4/22

I-4/23

D-4/24

1 ~~ST~~ EMERGED 4/28 FULL 5/2

FERT. 5/10

I-5/12

I-5/20

D-5/31

I-6/9

I-6/17

D-6/22

I-6/29

I-7/15

I-7/28

I-8/6

I-8/18

D-8/27 TO HARVEST

76

Irradiation

EAST 38

SPEING TOOTH AND HARRED 7 TIMES  
PLANTED 6/2

I-6/4

D-6/5

1-11 EMERGED 6/8 FULL 6/13

I-6/9

D-6/10

I-6/15

D-6/16

FERT. 6/23

I-6/24

D-7/8

I-7/15

DRAIN 7/26

D-7/27

I-8/9

I-8/18

I-9/14

D-10/5 TO HARVEST



yield mnt

77

WEST 38

SPRING TOOTH AND HARRED 4/7

PLANTED 4/22

I-4/23

D-4/24

1st EMERGED

4/28 FULL 5/1

FERT. 5/10

I-5/12

I-5/20

D-5/31

I-6/9

I-6/17

D-6/22

I-6/29

I-7/15

I-7/28

I-8/6

I-8/18

D 9/9. TO HARVEST

78

Irradiation 28 rows only

EAST 39

SPRING TOOTH AND HARRED 7 TIMES  
PLANTED 6/2

I-6/4

D-6/5

NOT EMERGED 6/8 FULL 6/13

I-6/9

D-6/10

I-6/15

D-6/16

FERT. 6/23

I-6/24

D-7/6

I-7/15

D-7/26

D-7/27

I-8/6

I-8/18

I-9/14

D-10/6 TO HARVEST



yield run

79

WEST 33

SPRINGTOOTH AND HARRED 4/7  
PLANTED 4/22  
I 4/23  
D-4/24  
1-~~4~~ EMERGED 4/26 FULL 5/2  
FERT. 5/10  
I-5/12  
I-5/20  
D-5/31  
I-6/9  
I-6/17  
D-6/22  
I-6/29  
I-7/15  
D-7/20  
I-7/26  
I-8/6  
I-8/18  
I-9/14  
D-9/20 TO HARVEST

80 Varieties & Seals for Campbell Saw

EAST 40

SPRING TOOTH AND HARRED 8 TIMES  
PLANTED - 6/8

I - 6/9

D - 6/10

~~1~~ EMERGED - 6/12 - FULL - 6/16

I - 6/15

D - 6/16

FERT. 6/23

I - 6/24

D - 7/8

I - 7/15

Draw 7/26

D - 7/27

I - 8/6

I - 8/18

I - 9/14

D - 10/5 TO HARVEST



Yield Mrs.

81

WEST 40

SPRINGTOOTH AND HARRED 4/ 7

PLANTED 4/22

I-4/ 23

D-4/ 24

1st EMERGED

4/28 FULL 5/2

FERT. 5/10

I-5/12

I-5/20

D-5/31

I-6/9

I-6/17

D-6/22

I-6/29

I-7/15

D-7/20

I-7/26

I-8/6

I-8/18

I-9/14

D-9/29 TO HARVEST

SPRING TOOTH AND HARRED 8 TIMES  
PLANTED - 6/8

I - 6/9

D - 6/10

1st EMERGED 6/12 FULL 6/16

I - 6/15

D - 6/16

FERT. 6/23

I - 6/24

D - 7/8

I - 7/15

Draw 7/26

D - 7/27

I - 8/6

I - 8/18

I - 9/14

D - 10/5 TO HARVEST



Single Field plots

83

WEST 41

PRINGTOOTH AND HARRED 4/26

PLANTED 4/26

I - 4/28

D - 4/29

1st EMERGED 5/3 FULL 5/10

I 5/10

D 5/10

FERT 5/17

I - 5/20

D - 5/31

I - 6/9

I - 6/17

D - 6/22

I - 6/29

I - 7/15

I - 7/28

I - 8/6

I - 8/18

D - 8/23 TO HARVEST



SPRING TOOTH AND HARRED 8 TIMES

PLANTED - 6/9

I - 6/9

D - 6/10

1st EMERGED 6/12 FULL - 6/16

I - 6/15

D - 6/16

FERT. 6/23

I - 6/24

D - 7/4

I - 7/15

Drain 7/26

D - 7/27

I - 8/6

I - 8/18

I - 9/14

D - 10/5 TO HARVEST

## WEST 42

SPRING, TOOTH, AND HARRED 4/26

PLANTED 4/26

I - 4/28

D - 4/29

1st EMERGED 5/3 FULL 5/10

I 5/10

D 5/10

FERT 5/17

I - 5/20

D - 5/31

I - 6/9

I - 6/17

D - 6/22

I - 6/29

I - 7/15

I 7/28

I - 8/6

I - 8/18

I - 9/14

D - 10/1 TO HARVEST



## EAST 43

SPRING TOOTH AND HARROWED 10 TIMES  
1st 20 ROWS - NORTH  
PLANTED - 6/25 - SOUTH 24 ROWS  
I - 7/2 PLANTED 7/2  
D - 7/3  
1st EMERGED 7/6 FULL 7/10  
I - 7/10  
D - 7/10  
FERT 7/15  
I - 7/15  
D - 7/19  
I - AND DRAIN 7/23  
I - 8/11  
I - 9/14  
I - 9/27  
I - 10/6  
D - 10/26 TO HARVEST

WEST 43

SPRING TOOTH AND HARRED 4/26

PLANTED 4/26

I- 4/28

D- 4/29

1st EMERGED 5/3 FULL 5/10

I 5/10

D 5/10

FERT 5/17

I- 5/20

D- 5/31

I- 6/9

I- 6/17

D- 6/22

I- 6/29

I- 7/15

D- 7/20

I- 7/26

I- 8/6

I- 8/18

I- 9/14

D- 9/20 TO HARVEST



## EAST 44

SPRING TOOTH AND HARRED 12 TIMES  
PLANTED - 7/13

I - 7/15

D - 7/16

1st EMERGED 7/18 FULL 7/22

I - 7/22 FERT 7/26

D - 7/23

I - 7/29

D - 8/4

I - 8/11

I - 9/14

I - 9/27

I - 10/6

D - 10/26 TO HARVEST

## WEST 44

SPRING TOOTH AND HARRED 4/20  
PLANTED 4/26

I - 4/28

D - 4/29

1st EMERGED 5/3 FULL 5/10

I 5/10

D 5/10

FERT 5/17

I - 5/20

D - 5/31

I - 6/9

I - 6/17

I - 6/29

I - 7/15

D - 7/20

I - 7/26

I - 8/6

I - 8/18

I - 9/14

I - 9/27

D - 10/6 TO HARVEST



SPRING TOOTH AND HARRED 14 TIMES  
PLANTED. 7/21

I-7/22

D-7/23

1<sup>st</sup> EMERGED 7/26 = FULL 7/29

I-7/29 AND DRAINED

I-8/11

D-8/14

I-8/30

I-9/14

I-9/27

I-10/6

WEST 45

SPRING TOOTH AND HARRED 4/2  
 PLANTED 4/27

I-4/28

D-4/29

1st EMERGED 5/3 FULL 5/10

I 5/10

D 5/10

FERT. 5/17

I-5/20

D-5/31

I-6/9

I-6/17

D-6/22

I-6/29

I-7/15

D-7/20

I-7/26

I-8/6

I-9/14

I-9/27

D-10/6 TO HARVEST



92

EAST 46

## WEST 46

SPRING TOOTH AND HARRED 4 TIME  
PLANTED 6/11/6/15/6/25

7/14

I-6/11

D-8/11

FERT-8/26

I-8/30

I-9/14

I-9/27

I-10/6



94

EAST

47

WEST 47



96

EAST

48

WEST 48







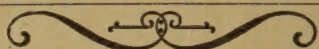
1954

Henry M. Beachell

COMPLIMENTS OF  
I. D. ROBERTSON & COMPANY  
INSURANCE  
700 American National Bank Building  
TELEPHONE 4-3305



# 1954—Calendar—1954



## JANUARY

| SUN | MON | TUE | WED | THU | FRI | SAT |
|-----|-----|-----|-----|-----|-----|-----|
|     |     |     |     |     | 1   | 2   |
| 3   | 4   | 5   | 6   | 7   | 8   | 9   |
| 10  | 11  | 12  | 13  | 14  | 15  | 16  |
| 17  | 18  | 19  | 20  | 21  | 22  | 23  |
| 24  | 25  | 26  | 27  | 28  | 29  | 30  |
| 31  |     |     |     |     |     |     |

## FEBRUARY

| SUN | MON | TUE | WED | THU | FRI | SAT |
|-----|-----|-----|-----|-----|-----|-----|
|     | 1   | 2   | 3   | 4   | 5   | 6   |
| 7   | 8   | 9   | 10  | 11  | 12  | 13  |
| 14  | 15  | 16  | 17  | 18  | 19  | 20  |
| 21  | 22  | 23  | 24  | 25  | 26  | 27  |
| 28  |     |     |     |     |     |     |

## MARCH

| SUN | MON | TUE | WED | THU | FRI | SAT |
|-----|-----|-----|-----|-----|-----|-----|
|     | 1   | 2   | 3   | 4   | 5   | 6   |
| 7   | 8   | 9   | 10  | 11  | 12  | 13  |
| 14  | 15  | 16  | 17  | 18  | 19  | 20  |
| 21  | 22  | 23  | 24  | 25  | 26  | 27  |
| 28  | 29  | 30  | 31  |     |     |     |

## APRIL

| SUN | MON | TUE | WED | THU | FRI | SAT |
|-----|-----|-----|-----|-----|-----|-----|
|     |     |     |     | 1   | 2   | 3   |
| 4   | 5   | 6   | 7   | 8   | 9   | 10  |
| 11  | 12  | 13  | 14  | 15  | 16  | 17  |
| 18  | 19  | 20  | 21  | 22  | 23  | 24  |
| 25  | 26  | 27  | 28  | 29  | 30  |     |

## MAY

| SUN | MON | TUE | WED | THU | FRI | SAT |
|-----|-----|-----|-----|-----|-----|-----|
|     |     |     |     |     |     | 1   |
| 2   | 3   | 4   | 5   | 6   | 7   | 8   |
| 9   | 10  | 11  | 12  | 13  | 14  | 15  |
| 16  | 17  | 18  | 19  | 20  | 21  | 22  |
| 23  | 24  | 25  | 26  | 27  | 28  | 29  |
| 30  | 31  |     |     |     |     |     |

## JUNE

| SUN | MON | TUE | WED | THU | FRI | SAT |
|-----|-----|-----|-----|-----|-----|-----|
|     |     | 1   | 2   | 3   | 4   | 5   |
| 6   | 7   | 8   | 9   | 10  | 11  | 12  |
| 13  | 14  | 15  | 16  | 17  | 18  | 19  |
| 20  | 21  | 22  | 23  | 24  | 25  | 26  |
| 27  | 28  | 29  | 30  |     |     |     |

## JULY

| SUN | MON | TUE | WED | THU | FRI | SAT |
|-----|-----|-----|-----|-----|-----|-----|
|     |     |     |     |     | 1   | 2   |
| 3   | 4   | 5   | 6   | 7   | 8   | 9   |
| 10  | 11  | 12  | 13  | 14  | 15  | 16  |
| 17  | 18  | 19  | 20  | 21  | 22  | 23  |
| 24  | 25  | 26  | 27  | 28  | 29  | 30  |
| 31  |     |     |     |     |     |     |

## AUGUST

| SUN | MON | TUE | WED | THU | FRI | SAT |
|-----|-----|-----|-----|-----|-----|-----|
|     | 1   | 2   | 3   | 4   | 5   | 6   |
| 7   | 8   | 9   | 10  | 11  | 12  | 13  |
| 14  | 15  | 16  | 17  | 18  | 19  | 20  |
| 21  | 22  | 23  | 24  | 25  | 26  | 27  |
| 28  | 29  | 30  | 31  |     |     |     |

## SEPTEMBER

| SUN | MON | TUE | WED | THU | FRI | SAT |
|-----|-----|-----|-----|-----|-----|-----|
|     |     |     | 1   | 2   | 3   | 4   |
| 5   | 6   | 7   | 8   | 9   | 10  | 11  |
| 12  | 13  | 14  | 15  | 16  | 17  | 18  |
| 19  | 20  | 21  | 22  | 23  | 24  | 25  |
| 26  | 27  | 28  | 29  | 30  |     |     |

## OCTOBER

| SUN | MON | TUE | WED | THU | FRI | SAT |
|-----|-----|-----|-----|-----|-----|-----|
|     |     |     |     |     |     | 1   |
| 2   | 3   | 4   | 5   | 6   | 7   | 8   |
| 9   | 10  | 11  | 12  | 13  | 14  | 15  |
| 16  | 17  | 18  | 19  | 20  | 21  | 22  |
| 23  | 24  | 25  | 26  | 27  | 28  | 29  |
| 30  |     |     |     |     |     |     |

## NOVEMBER

| SUN | MON | TUE | WED | THU | FRI | SAT |
|-----|-----|-----|-----|-----|-----|-----|
|     | 1   | 2   | 3   | 4   | 5   | 6   |
| 7   | 8   | 9   | 10  | 11  | 12  | 13  |
| 14  | 15  | 16  | 17  | 18  | 19  | 20  |
| 21  | 22  | 23  | 24  | 25  | 26  | 27  |
| 28  | 29  | 30  |     |     |     |     |

## DECEMBER

| SUN | MON | TUE | WED | THU | FRI | SAT |
|-----|-----|-----|-----|-----|-----|-----|
|     |     |     |     |     | 1   | 2   |
| 3   | 4   | 5   | 6   | 7   | 8   | 9   |
| 10  | 11  | 12  | 13  | 14  | 15  | 16  |
| 17  | 18  | 19  | 20  | 21  | 22  | 23  |
| 24  | 25  | 26  | 27  | 28  | 29  | 30  |
| 31  |     |     |     |     |     |     |

# Greenhouse White Wash

20 foot rows  
52 on wheel - 24 on d. shaft  
11 on tray - 14 on d. shaft

50 lbs. lime

50 gal. water

1½# salt

1 pint motor oil

• mix lime, oil and salt in  
about 5 gal. water to form a  
well mixed paste, then add  
paste mixture to barrel while  
filling with water

For 45 foot rows.  
52 on wheel - 24 on d. shaft.  
19 on tray - 11 on d. shaft

from E, H, T. oil

Sprackets for 33 foot rows  
Used on Irradiation expt were

52 on wheel - 24 on d. shaft.

15 on tray - 12 on d. shaft

100 foot rows (Davis)

30 on ground wheel

45 on d. shaft

18 on tray (used 19 when rows 107' long)

14 on d. shaft



Spray rate;

1 qt. Dow genl. per 100 gal.  
tractor fuel.

For tractor sprayer use  
1 pt per 100 gal oil

Length of plots

|            |                |
|------------|----------------|
| 377        | 870            |
| 225        | <del>120</del> |
| 160        | <hr/> 7400     |
| 80         |                |
| 90         | 700            |
| 130        | 30             |
| 200        | 2100           |
| 200        |                |
| 300        |                |
| 60         |                |
| <hr/> 1742 |                |

Foundation Seed

Friday, JANUARY 1

1st Day - 264 days to come

Head Row Seed sown in 1954

Jann (10A) T. Patna, sown 288#  
455# BBT 50, May 19 (sown)

Hancock, Rex 070, sown April 27  
about 500 lbs.

Maurty, Cent. Pat. 231, sown April 24  
~~BBT 50~~ 450#

Notte  
451# Cent. Patna, 231, sown April 29  
651# Imp. BBT, sown May 7 (6.6)  
214# Sunhounet, sown April 29 (7.82)

Seaherg  
318# BBT 50, sown April 23 8.5  
352# Cent. P. 231, sown April 23 8.5

meek  
455# BBT 50, sown April 28 14

Maxwell  
TP 49, sown (late) 6.1

110 acres 94.5



Saturday, JANUARY 2

2nd Day—363 days to come

Sunday, JANUARY 3

3rd Day—362 days to come

Monday, JANUARY 4

4th Day—361 days to come

Land for pathology studies

Stem Rot 11

Smut 1

Straighthead 1

Seed treatment 2 (dates of sdy.)

white tip 1 (inoculated)

" 3 (yield & mulch)

extra 1

---

10 block (tentative)



Tuesday, JANUARY 5

5th Day—360 days to come

Wednesday, JANUARY 6

6th Day—359 days to come



Thursday, JANUARY 7

7th Day—358 days to come

Friday, JANUARY 8

8th Day—357 days to come

Sunday, JANUARY 10

10th Day—355 days to come



Saturday, JANUARY 9

9th Day—356 days to come

Sunday, JANUARY 10

10th Day—355 days to come

Monday, JANUARY 11

11th Day—354 days to come



Tuesday, JANUARY 12

12th Day—353 days to come

Sunday, JANUARY 10

10th Day—355 days to come

Wednesday, JANUARY 13

13th Day—352 days to come



Thursday, JANUARY 14

14th Day—351 days to come

Friday, JANUARY 15

15th Day—350 days to come

Sunday, JANUARY 17

17th Day—348 days to come

**Saturday, JANUARY 16**

16th Day—349 days to come

**Sunday, JANUARY 17**

17th Day—348 days to come



Monday, JANUARY 18

18th Day—347 days to come

Tuesday, JANUARY 19

19th Day—346 days to come

Sunday, JANUARY 17

17th Day—348 days to come

Wednesday, JANUARY 20

20th Day—345 days to come



Thursday, JANUARY 21

21st Day—344 days to come

85 Friday, JANUARY 22

22nd Day—343 days to come

86 Sunday, JANUARY 24

24th Day—341 days to come

Saturday, JANUARY 23

23rd Day—342 days to come

Sunday, JANUARY 24

24th Day—341 days to come



Monday, JANUARY 25

25th Day—340 days to come

Tuesday, JANUARY 26

26th Day—339 days to come

Sunday, JANUARY 24

24th Day—341 days to come

Wednesday, JANUARY 27

27th Day—338 days to come



Thursday, JANUARY 28

28th Day—337 days to come

Friday, JANUARY 29

29th Day—336 days to come

Sunday, JANUARY 31

31st Day—334 days to come

**Saturday, JANUARY 30**

**30th Day—335 days to come**

**Sunday, JANUARY 31**

**31st Day—334 days to come**



Monday, FEBRUARY 1

32nd Day—333 days to come

Tuesday, FEBRUARY 2

33rd Day—332 days to come

Sunday, JANUARY 31

31st Day—331 days to come

Wednesday, FEBRUARY 3

34th Day—331 days to come



Thursday, FEBRUARY 4

35th Day—330 days to come

8 Friday, FEBRUARY 5

36th Day—329 days to come

7 Sunday, FEBRUARY

38th Day—327 days to come

**Saturday, FEBRUARY 6**

37th Day—328 days to come

**Sunday, FEBRUARY 7**

38th Day—327 days to come



Monday, FEBRUARY 8

39th Day—326 days to come

Tuesday, FEBRUARY 9

40th Day—325 days to come

Sunday, FEBRUARY 7

38th Day—327 days to come

Wednesday, FEBRUARY 10

41st Day—324 days to come



Thursday, FEBRUARY 11

42nd Day—323 days to come

Friday, FEBRUARY 12

43rd Day—322 days to come

Sunday, FEBRUARY 14

45th Day—320 days to come

Saturday, FEBRUARY 13

44th Day—321 days to come

Sunday, FEBRUARY 14

45th Day—320 days to come



Monday, FEBRUARY 15

46th Day—319 days to come

Tuesday, FEBRUARY 16

47th Day—318 days to come

Sunday, FEBRUARY 14

46th Day—319 days to come

Wednesday, FEBRUARY 17

48th Day—317 days to come



Thursday, FEBRUARY 18

49th Day—316 days to come

Friday, FEBRUARY 19

50th Day—315 days to come

Sunday, FEBRUARY 21

52nd Day—313 days to come

Saturday, FEBRUARY 20

51st Day—314 days to come

Sunday, FEBRUARY 21

52nd Day—313 days to come



Monday, FEBRUARY 22

53rd Day—312 days to come

Tuesday, FEBRUARY 23

54th Day—311 days to come

Sunday, FEBRUARY 21

53rd Day—312 days to come

Wednesday, FEBRUARY 24

55th Day—310 days to come



Thursday, FEBRUARY 25

56th Day—309 days to come

Friday, FEBRUARY 26

57th Day—308 days to come

Sunday, FEBRUARY 28

59th Day—306 days to come

**Saturday, FEBRUARY 27**

58th Day—307 days to come

**Sunday, FEBRUARY 28**

59th Day—306 days to come



Monday, MARCH 1

60th Day—305 days to come

Tuesday, MARCH 2

61st Day—304 days to come

Sunday, FEBRUARY 28

59th Day—306 days to come

Wednesday, MARCH 3

62nd Day—303 days to come



Thursday, MARCH 4

63rd Day—302 days to come

Friday, MARCH 5

64th Day—301 days to come

Sunday, MARCH 7

66th Day—299 days to come

Saturday, MARCH 6

65th Day—300 days to come

Sunday, MARCH 7

66th Day—299 days to come



Monday, MARCH 8

67th Day—298 days to come

Tuesday, MARCH 9

68th Day—297 days to come

Sunday, MARCH 7

66th Day—299 days to come

Wednesday, MARCH 10

69th Day—296 days to come

Thursday, MARCH 11

70th Day—295 days to come



Friday, MARCH 12

71st Day—294 days to come

Sunday, MARCH 14

72nd Day—293 days to come

Saturday, MARCH 13

72nd Day—293 days to come

Sunday, MARCH 14

73rd Day—292 days to come

Monday, MARCH 15

74th Day—291 days to come

Tuesday, MARCH 16

75th Day—290 days to come

Sunday, MARCH 14

75th Day—290 days to come



Wednesday, MARCH 17

76th Day—289 days to come

Thursday, MARCH 18

77th Day—288 days to come

Friday, MARCH 19

78th Day—287 days to come

Sunday, MARCH 21

80th Day—285 days to come

Saturday, MARCH 20

79th Day—286 days to come

Sunday, MARCH 21

80th Day—285 days to come



Monday, MARCH 22

81st Day—284 days to come

Tuesday, MARCH 23

82nd Day—283 days to come

Sunday, MARCH 21

81st Day—284 days to come

Wednesday, MARCH 24

83rd Day—282 days to come

Thursday, MARCH 25

84th Day—281 days to come



Friday, MARCH 26

85th Day—280 days to come

Started cleaning Imp B&B Head Row

Sunday, MARCH 28

87th Day—278 days to come

**Saturday, MARCH 27**

**86th Day—279 days to come**

**Sunday, MARCH 28**

**87th Day—278 days to come**

Monday, MARCH 29

88th Day—277 days to come

Treated Imp. BBT Head Row and  
cleaned up machinery. —

Mixed: 15 # N-244

38 # water

---

53 Total

48.25  

---

4.75 lbs. material used on

651 # mix or 1.87 # material

4.47 lbs. or 2.07 oz per lb.

785 - 651 = 134 or 17.1% loss

Tuesday, MARCH 30

89th Day—276 days to come

Started cleaning Century H.R.

89th Day—276 days to come



Wednesday, MARCH 31

90th Day—275 days to come

18 Thursday, APRIL 1 W

91st Day—274 days to come

Started cleaning Rexro Herd Row

Staff meeting notes:

all minting items from state funds  
must be in by May 15<sup>th</sup>

Saw Cox check re drum of solvent  
for cleaning machinery.

Friday, APRIL 2

92nd Day—273 days to come

Started cleaning B&B 50 seed

Sunday, APRIL 4

94th Day—271 days to come

Saturday, APRIL 3

93rd Day—272 days to come

Treated 5 # bags of seed for  
Field plots using N-244 @ rate of  
2 oz per lb. or 4 grams per  
5 lbs. - Most bags have over  
5 lbs. so minimum rate is at  
least  $1\frac{1}{2}$  oz per lb. rate.  
used 40 % N-244 dust.

Sunday, APRIL 4

94th Day—271 days to come



Monday, APRIL 5

95th Day—270 days to come

Tuesday, APRIL 6

96th Day—269 days to come

Sunday, APRIL 4

95th Day—270 days to come

Wednesday, APRIL 7

97th Day—268 days to come

Seeded series 1 + 2 of Field Plot

45 foot long plots.

set seeds 11 tooth on shelf  
and 19 tooth on tray.

---

Rained on April 8

Thursday, APRIL 8

98th Day—267 days to come

Seeded Arlington Variety test  
set Seder: 11 tooth on shaft  
and 19 tooth on tray  
45 foot row

---



Friday, APRIL 9

99th Day—266 days to come

Sunday, APRIL 11

101st Day—284 days to come

Saturday, APRIL 10

100th Day—265 days to come

Sunday, APRIL 11

101st Day—264 days to come

Monday, APRIL 12

102nd Day—263 days to come

Tuesday, APRIL 13

103rd Day—262 days to come

Fertilized March date sdg.  
Used 57<sup>#</sup> Sulph 9 Amm.  
on 2 blocks 72' x or

all small washes + 3 large washes  
on right hand side.

104th Day—263 days to come



Wednesday, APRIL 14

104th Day—261 days to come

seeded Cont HR on Station S-1  
(and Found.) used 97<sup>#</sup> HK seed)  
Set set on 22

---

1st emergence April 22  
Flushed April 22 + 23  
7<sup>all</sup> emergence April

Thursday, APRIL 15

105th Day—260 days to come

Scedid Eagle Lake Expt

Hay rain today

Friday, APRIL 16

106th Day—259 days to come

Sunday, APRIL 18

108th Day—257 days to come

Saturday, APRIL 17

107th Day—258 days to come

Sunday, APRIL 18

108th Day—257 days to come



Monday, APRIL 19

109th Day—256 days to come

Tuesday, APRIL 20

110th Day—255 days to come

Seeded April into 3 Sdg.

Set drill: 11 tooth sprocket on tray  
14 " " " shaft  
24 " " " 1/2 shaft  
~~side~~ 50 tooth on wheel

---

Sunday, APRIL 18

108th Day—257 days to come

Wednesday, APRIL 21

111th Day—254 days to come

Seeded Berkeley plots

for full length rows use:

14 on shaft & 18 on tray

30 on ground wheel & 45 on shaft

---



Thursday, APRIL 22

112th Day—253 days to come

Seeded yield nursery + series 3+4  
of Field plots.



Friday, APRIL 23

113th Day—252 days to come

seeded 4 rows of following on South side of North April date North to South as follows:

1. converted lot 127 Rex
2. " " 104 TP
3. misc. Ferguson sample

| Century N.R.          |     |         | BBT 50                |      |         |
|-----------------------|-----|---------|-----------------------|------|---------|
| 120                   | 117 | 118     | 117                   | 120  | 121     |
| 113                   | 110 | 118     | 114                   | 126  | 126     |
| 109                   | 111 | 85      | 130                   | 123  | 71      |
| 108                   | 113 | 31      | 94                    | 86   |         |
| 450                   | 451 | 352     | 455                   | 455  | 318     |
| maundy                | N-M | Seahung | <del>Garth</del>      | Meek | Seahung |
| Cox - 97 <sup>#</sup> |     |         | Cox - 90 <sup>#</sup> |      |         |

Seahung drill set on 20 Seeded Seahung Bk + Century P 231

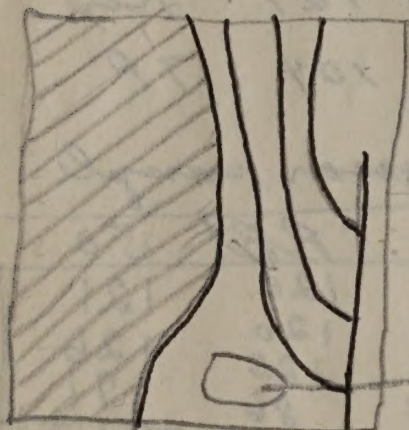
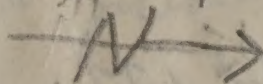
I looked nursery area seeded prior to this date

Seahung Cent =  $8\frac{1}{4}$  acres  
 " BBT 50 =  $8\frac{1}{4}$  "

Saturday, APRIL 24,

114th Day—251 days to come

Seeded Maunty Head Row.  
post subbed. — drill measurement  
showed 15 acres. Probably about 12 Acres



1st 4 cuts are  
Head Row.

about  $\frac{1}{2}$  Acre here in 72  
from lot 17 (A-G)

Sunday, APRIL 25

115th Day—250 days to come

Seeded 6 blocks breeding nursery  
not flushed until April 29th



Monday, APRIL 26

116th Day—249 days to come

Tuesday, APRIL 27

117th Day—248 days to come

Sailed Hancock River  
Trip to El Campo & Grey  
week ended April 29th

Sunday, APRIL 25

116th Day—249 days to come



Wednesday, APRIL 28

118th Day—247 days to come

Rice flooded April 27, 1st emergence  
Fully emerged. - April 30th

---

Seeded 5 blocks breeding nursery  
including world collection

Thursday, APRIL 29

119th Day—246 days to come

Simbomet flushed May 3 drained May

Seeded N-M Farms Simbomet  
and Century Patina - 231

about  $7\frac{1}{2}$  acres of Simbomet  
fertilized with 10-20-10

about 11 acres Cent Patina, Seeded today  
Century flushed May 4<sup>th</sup> 5<sup>th</sup>

meek seeded BBT - 50 Head Row

following  $\frac{1}{2}$ " rain on April 27-28

Total acreage about 16 acres;

Used 20 tons (80<sup>#</sup> avo.) of 13-13-6

when seeded on 13-13-13

per acre.

7 flushed 11 blocks breeding  
masonry, — were drained on  
April 30

Friday, APRIL 30

120th Day—245 days to come

*Rained today*

Sunday, MAY 2

121st Day—243 days to come



Saturday, MAY 1

121st Day—244 days to come

Seeded 32 acres. Cnt &  
4½ acre field + Rpt series,

Sunday, MAY 2

122nd Day—243 days to come



Monday, MAY 3

123rd Day—242 days to come

Tuesday, MAY 4

124th Day—241 days to come

old BBT-50 field  
started flushing March 29th  
Ripe about Aug 23rd June 10-20 for  
treatment

---

Red Birds field w. el field  
flushed April 20th (old BBT  
Ripe: Sept 1st AA  
treats about July 1 + 10)

---

east field  
flushed May 1st -  
ripe about  
Treat July 17

BBT-50

---

Wednesday, MAY 5

125th Day—240 days to come

10 April

31 May

30 June

31 July

31 Aug

132

Thursday, MAY 6

126th Day—239 days to come



8 Friday, MAY 7

127th Day—238 days to come

Seeded Imp BBT  
about  $5\frac{1}{2}$  acres  
used 12 sz 10-20-10

9 YAM yobnu2

128th Day—238 days to come

**Saturday, MAY 8**

128th Day—237 days to come

**Sunday, MAY 9**

129th Day—236 days to come

Monday, MAY 10

130th Day—235 days to come

**Tuesday, MAY 11**

**131st Day—234 days to come**

**Sunday, MAY 9**

**128th Day—236 days to come**



Wednesday, MAY 12

132nd Day—233 days to come

Thursday, MAY 13

133rd Day—232 days to come

*Rescued Cent in RPR series*

Friday, MAY 14

134th Day—231 days to come

Sunday, MAY 16

136th Day—229 days to come

Saturday, MAY 15

135th Day—230 days to come

*Seeded 75 ac. B&B 50*

Sunday, MAY 16

136th Day—229 days to come



Monday, MAY 17

137th Day—228 days to come





Wednesday, MAY 19

139th Day—226 days to come

Spraying of leucis.  
Each class leucis =  $110' \times 9' = 990'$   
or  $\frac{1}{44}$  Acre

Use 30 gal Diesel fuel 3 pts Dow  
general + (3 pts, 2,4,5 T. per acre) <sup>1st batch</sup> only  
In each 4 leucis use 2.7 gal of stock  
mixture

On each 55-60 gal drum use  
6 pts - Dow general  
6 pts - 2,4,5 T

about 5 acres of leucis to spray  
used Dow General only (in oil) for  
balance of season  
fertilized 32 acre Cent field  
65 24 21-0-0

1 mph El Campo & Eagle Lake  
gannon drill set on 18 fold  
700 feet long and — feet wide  
16 acres.

Thursday, MAY 20

140th Day—225 days to come



Friday, MAY 21

141st Day—224 days to come

Seeded BB+50 fd on S1, +H.R.

was flushed on May 23

Drill set on 22 for 1st 2 rounds  
on 20 for 20 <sup>more</sup> rounds and  
balance of field set on 18

---

Sunday, MAY 23

143rd Day—222 days to come

Saturday, MAY 22

142nd Day—223 days to come

Sunday, MAY 23

143rd Day—222 days to come

Monday, MAY 24

144th Day—221 days to come

Tuesday, MAY 25

145th Day—220 days to come

Sunday, MAY 23

143rd Day—222 days to come



Wednesday, MAY 26

146th Day—219 days to come

Thursday, MAY 27

147th Day—218 days to come

Friday, MAY 28

148th Day—217 days to come

Sunday, MAY 30

150th Day—215 days to come

**Saturday, MAY 29**

149th Day—216 days to come

**Sunday, MAY 30**

150th Day—215 days to come



Monday, MAY 31

151st Day—214 days to come

Tuesday, JUNE 1

152nd Day—213 days to come

Sunday, MAY 30

150th Day—215 days to come

Wednesday, JUNE 2

153rd Day—212 days to come

Fertilized fields 4+5  
with 96-20-0

used 37-46-0 in 16-20-

" 51-0-0 in SulphA

---

88-46-0

Thursday, JUNE 3

154th Day—211 days to come

Fertilized RPR series

used

35 - 44 - 0 (16-20-0)

42 - 0 - 0 (Sub. Am)

---

77 - 44 - 0

---

also S 1 (Ant)

Same as RPR series  
and on June 3,



Friday, JUNE 4

155th Day—210 days to come

Sunday, JUNE 6

157th Day—208 days to come

**Saturday, JUNE 5**

156th Day—209 days to come

**Sunday, JUNE 6**

157th Day—208 days to come

Monday, JUNE 7

158th Day—207 days to come

Checks to Davis:

Wilson Fisher \$91.38  
24,818,758

Herman Edward Lee \$74.94  
24,813,441

---

To Cox

Grant Jones \$84.10  
24,813,440

Tuesday, JUNE 8

159th Day—206 days to come

Sunday, JUNE 6

157th Day—208 days to come



Wednesday, JUNE 9

160th Day—205 days to come

Thursday, JUNE 10

161st Day—204 days to come

Friday, JUNE 11

162nd Day—203 days to come

Sunday, JUNE 13

164th Day—201 days to come

Saturday, JUNE 12

163rd Day—202 days to come

Sunday, JUNE 13

164th Day—201 days to come



Monday, JUNE 14

165th Day—200 days to come

Tuesday, JUNE 15

166th Day—199 days to come

Sunday, JUNE 13

164th Day—201 days to come

Wednesday, JUNE 16

167th Day—198 days to come

Thursday, JUNE 17

168th Day—197 days to come



Friday, JUNE 18

169th Day—196 days to come

Sunday, JUNE 20

171st Day—194 days to come

Saturday, JUNE 19

170th Day—195 days to come

Sunday, JUNE 20

171st Day—194 days to come

Monday, JUNE 21

172nd Day—193 days to come

Tuesday, JUNE 22

173rd Day—192 days to come

Sunday, JUNE 20

174th Day—191 days to come



Wednesday, JUNE 23

174th Day—191 days to come

Thursday, JUNE 24

175th Day—190 days to come

3 Friday, JUNE 25 2

176th Day—189 days to come

2 Sunday, JUNE 27

178th Day—187 days to come

Saturday, JUNE 26

177th Day—188 days to come

Sunday, JUNE 27

178th Day—187 days to come



Monday, JUNE 28

179th Day—186 days to come

**Tuesday, JUNE 29**

**180th Day—185 days to come**

**Sunday, JUNE 27**

**179th Day—187 days to come**

Wednesday, JUNE 30

181st Day—184 days to come

Thursday, JULY 1

182nd Day—183 days to come



Friday, JULY 2

183rd Day—182 days to come

Sunday, JULY 4

185th Day—180 days to come

Saturday, JULY 3

184th Day—181 days to come

Sunday, JULY 4

185th Day—180 days to come

**Monday, JULY 5**

**186th Day—179 days to come**

Tuesday, JULY 6

187th Day—178 days to come

Sunday, JULY 4

185th Day—182 days to come



Wednesday, JULY 7

188th Day—177 days to come

Thursday, JULY 8

189th Day—176 days to come

01 Friday, JULY 9 192

190th Day—175 days to come

11 Sunday, JULY 11

192nd Day—173 days to come

Saturday, JULY 10

191st Day—174 days to come

Sunday, JULY 11

192nd Day—173 days to come



Monday, JULY 12

193rd Day—172 days to come

**Tuesday, JULY 13**

**194th Day—171 days to come**

**Sunday, JULY 11**

**193rd Day—172 days to come**

Wednesday, JULY 14

195th Day—170 days to come

Thursday, JULY 15

196th Day—169 days to come



Friday, JULY 16

197th Day—168 days to come

Sunday, JULY 18

199th Day—166 days to come

**Saturday, JULY 17**

**198th Day—167 days to come**

**Sunday, JULY 18**

**199th Day—166 days to come**

Monday, JULY 19

200th Day—165 days to come

Tuesday, JULY 20

201st Day—164 days to come

Sunday, JULY 19

197th Day—160 days to come



Wednesday, JULY 21

202nd Day—163 days to come

**Thursday, JULY 22**

**203rd Day—162 days to come**

Friday, JULY 23

204th Day—161 days to come

Sunday, JULY 25

206th Day—159 days to come

Saturday, JULY 24

205th Day—160 days to come

Sunday, JULY 25

206th Day—159 days to come



Monday, JULY 26

207th Day—158 days to come

Tuesday, JULY 27

208th Day—157 days to come

Sunday, JULY 25

208th Day—157 days to come

Wednesday, JULY 28

209th Day—156 days to come

Received 20th. 100th.  
Treated July 20th.  
Had been some 2000.  
Try to get back to  
and on 2000.  
Get young from some 2000.  
Prior to hunting date.  
Get 20th.

Thursday, JULY 29

210th Day—155 days to come

Hickids Expts. Amelunae,  
Trusted July 29th.

Had been some April 28. 29  
Try to get black + white  
and an occasional Kodachrome

Let group know several days  
prior to harvesting date.  
Prob Sept. 15-



Friday, JULY 30

211th Day—154 days to come

Sunday, AUGUST 1

212th Day—153 days to come

Saturday, JULY 31

212th Day—153 days to come

Wishide Expts. Amelinae,  
Treated July 29th.  
Had been some April 28th.  
Try to get blocks white  
and an occasional Kodak  
Let group know several days  
prior to leaving of date.  
Prob Sept.

Sunday, AUGUST 1

213th Day—152 days to come

Monday, AUGUST 2

214th Day—151 days to come

*Field Day at Station*

Tuesday, AUGUST 3

215th Day—150 days to come

Sunday, AUGUST 1

212th Day—153 days to come



Wednesday, AUGUST 4

216th Day—149 days to come

Field Day at Station.

made, Dwy and Eagle Lake.

lv. But 6:00 am

ar. El Campo 12:15 noon

lv. El Campo 7:50 am Aug 7

ar. Eagle Lake 1:30 pm

" 7:00 pm

lv. But 11:05 pm

Thursday, AUGUST 5

217th Day—148 days to come

*Felt good at station*

Friday, AUGUST 6

218th Day—147 days to come

Trip to Angleton, El Campo,  
Garada, Drey and Eagle Lake.

Lv. Bmt 6:00 am  
an. El Campo 12:15 noon.

Lv. El Campo 7:30 am Aug 7  
an. Eagle Lake 1:30 pm "

Lv. " 7:00 pm "

an. Bmt 11:05 pm "

---

**Saturday, AUGUST 7**

219th Day—146 days to come

*Trip to Chicago, El Campo, and Eagle Lake.*  
*El Campo 12:15 noon*  
*El Campo 7:30 am*  
*Eagle Lake 1:30 pm*  
*7:00 pm*  
*11:00 pm*

---

**Sunday, AUGUST 8**

220th Day—145 days to come



Monday, AUGUST 9

221st Day—144 days to come

Ted and Trip made trip  
to El Campo to rogue  
Rexoro Foundation seed  
field. Lv. Bmt. about 9:30 am

Tuesday, AUGUST 10

222nd Day—143 days to come

Field to Rivt. about 4:30 am  
Pecos foundation and  
to El Campo to receive  
Ted and Trip-marks trip

Sunday, AUGUST 8

221st Day—145 days to come

Wednesday, AUGUST 11

223rd Day—142 days to come

Sprayed RPR series

2 with Taxophene +

2 with Haldan

Thursday, AUGUST 12

224th Day—141 days to come

Rogers' fields.

Found in 75 Acre BBT 50

17 Red

4 early BBT

In 32 acre field CP 23/

14 Red

3 BBT type

1 or more off type

1 or 2 straw, rough hull

---

In RPR Series

no Red

Cox found one Red early



Friday, AUGUST 13

225th Day—140 days to come

Sunday, AUGUST 15

227th Day—138 days to come

Saturday, AUGUST 14

226th Day—139 days to come

Sunday, AUGUST 15

227th Day—138 days to come

Monday, AUGUST 16

228th Day—137 days to come

Tuesday, AUGUST 17

229th Day—136 days to come

Sunday, AUGUST 15

228th Day—137 days to come



Wednesday, AUGUST 18

230th Day—135 days to come

Thursday, AUGUST 19

231st Day—134 days to come

Friday, AUGUST 20

232nd Day—133 days to come

Sunday, AUGUST 22

234th Day—131 days to come

Saturday, AUGUST 21

233rd Day—132 days to come

Sunday, AUGUST 22

234th Day—131 days to come



Monday, AUGUST 23

235th Day—130 days to come

**Tuesday, AUGUST 24**

**236th Day—129 days to come**

**Sunday, AUGUST 22**

**235th Day—131 days to come**

Wednesday, AUGUST 25

237th Day—128 days to come

Thursday, AUGUST 26

238th Day—127 days to come



8 Friday, AUGUST 27 2

239th Day—126 days to come

2 Sunday, AUGUST 28

240th Day—124 days to come

**Saturday, AUGUST 28**

240th Day—125 days to come

**Sunday, AUGUST 29**

241st Day—124 days to come

Monday, AUGUST 30

242nd Day—123 days to come

*Franklin*  
*Raguelman, Head Row*

Tuesday, AUGUST 31

243rd Day—122 days to come

Sunday, AUGUST 29

241st Day—124 days to come



Wednesday, SEPTEMBER 1

244th Day—121 days to come

Hancock  
Ragned ~~Manney~~ Head Row

---

Thursday, SEPTEMBER 2

245th Day—120 days to come

*Received of the  
Hon. Secy. of the  
War Dept. \$100.00*

---

Friday, SEPTEMBER 3

246th Day—119 days to come

Sunday, SEPTEMBER 5

248th Day—117 days to come

Saturday, SEPTEMBER 4

247th Day—118 days to come

Sunday, SEPTEMBER 5

248th Day—117 days to come



Monday, SEPTEMBER 6

249th Day—116 days to come

Met with Hurl & Campbell  
Saw G. and Sam  
checked our samples of  
packed samples and a  
few samples at last

Tuesday, SEPTEMBER 7

250th Day—115 days to come

Sunday, SEPTEMBER 5

249th Day—117 days to come

Wednesday, SEPTEMBER 8

251st Day—114 days to come

met with Herb of Campbell  
Sang & send him  
mailed rice samples of  
parboiled samples sent an  
some samples at least



8 Thursday, SEPTEMBER 9

252nd Day—113 days to come

Trip to Eagle Lake  
2 days

2nd boy in How at TRPA



Friday, SEPTEMBER 10

253rd Day—112 days to come

suggestions  
by C.R.P.

Notes on Revised Rice Qual.  
Prospectus, ———  
(2nd page) last of 3rd paragraph.  
" — vast amount of mol. in level  
nurseries at the rice exp't sta.  
which would ———"  
in development of rice var.  
of the desired milling & cooking  
characteristics.

The TAES & TRIA & USDA  
are undertaking rice qual.  
studies' " "

Fed funds are available but  
are not adequate to carry out all  
needed work.

TAES & TRIA welcome  
the assistance of other rice ind.

TAES & TRIA can accept  
grants in aid.

Saturday, SEPTEMBER 11

254th Day—111 days to come

N-M Head Row Fields.

Imp BBT. 6.61 acres

Summumet - 7.82 acres

---

Herbicide plots at anashua  
harvested

Sunday, SEPTEMBER 12

255th Day—110 days to come



Monday, SEPTEMBER 13

256th Day—109 days to come

See Sorenson about  
conditioning chamber.

Prepare early summaries  
of work to undertake  
following day.

Breeding for improved  
fertility in rice. —

Adair will discuss how  
quality must be integrated with  
other phases of the breeding  
program. —

Tuesday, SEPTEMBER 14

257th Day—108 days to come

Telephone call to Holt

Sunday, SEPTEMBER 12

256th Day—109 days to come



Wednesday, SEPTEMBER 15

258th Day—107 days to come

Telephone call to  
Nolte & Cardwell

~~Cor~~ Keneaster reported the  
following by phone.

53-3451      v. good

3428      poor

3421+22      rather poor

3409+10      poor

3403      only fair

---

Thursday, SEPTEMBER 16

259th Day—106 days to come

22-3451 V. good  
3428 poor  
3421-25 rather poor  
3407-10 poor  
3402 only four

8 Friday, SEPTEMBER 17

260th Day—105 days to come

Head Row Seed 7  
24512A 1-20, horizontal  
3 inches net wt = 116  
123  
120  
2593

9 Sunday, SEPTEMBER 18

261st Day—103 days to come

Saturday, SEPTEMBER 18

261st Day—104 days to come

Sunday, SEPTEMBER 19

262nd Day—103 days to come



Monday, SEPTEMBER 20

263rd Day—102 days to come

Head Row Seed of

B4512A 1-20 harvested

|                  |                     |
|------------------|---------------------|
| 3 sacks net wt = | 116                 |
|                  | 123                 |
|                  | 120                 |
|                  | <hr/>               |
|                  | 3,59 <del>8</del> # |

Dry wt =

|  |       |
|--|-------|
|  | 111   |
|  | 115   |
|  | 114   |
|  | <hr/> |
|  | 340 # |

Tuesday, SEPTEMBER 21

264th Day—101 days to come

*Handwritten:* 116  
152  
051  

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219

*Handwritten:* 111  
Sunday, SEPTEMBER 19  
262nd Day—103 days to come  

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219

Wednesday, SEPTEMBER 22

265th Day—100 days to come

Thursday, SEPTEMBER 23

266th Day—99 days to come



Friday, SEPTEMBER 24

267th Day—98 days to come

Sunday, SEPTEMBER 26

268th Day—96 days to come

Saturday, SEPTEMBER 25

268th Day—97 days to come

Sunday, SEPTEMBER 26

269th Day—96 days to come

Monday, SEPTEMBER 27

270th Day—95 days to come

Tuesday, SEPTEMBER 28

271st Day—94 days to come

Sunday, SEPTEMBER 29

272nd Day—95 days to come



Wednesday, SEPTEMBER 29

272nd Day—93 days to come

Pictures (aerial)

requested

for; Adair

1004  
1007

Mc Lane

1004-C  
1004  
1007-C

Crane

1004  
1001-C  
1007

Thursday, SEPTEMBER 30

273rd Day—92 days to come

Friday, OCTOBER 1

274th Day—91 days to come

Sunday, OCTOBER 3

276th Day—89 days to come

**Saturday, OCTOBER 2**

275th Day—90 days to come

**Sunday, OCTOBER 3**

276th Day—89 days to come



Monday, OCTOBER 4

277th Day—88 days to come

Tuesday, OCTOBER 5

278th Day—87 days to come

Plants for greenhouse  
male shrub type 4383

Diseas. Insect. 5309, 5321

" Beest 5346

3030 bad for wh. dipent on stems

607 too 4 Jap leaf & stem

619 Rolled leaf C.P. type

201 sm. med with tough Jap stem

692 is No 341

Sunday, OCTOBER 3

277th Day—88 days to come

These are selections with specific characters

Wednesday, OCTOBER 6

279th Day—86 days to come

cut Sunhonet  
Best Row Seed  
from 2 blocks

$$\begin{array}{r} 29E = 106 \\ 104 \\ 93 \\ 104 \\ \hline 407 \end{array}$$

$$\begin{array}{r} 28E \quad 104 \\ 108 \\ 116 \\ 52 \\ \hline 380 \end{array}$$

Total net = 787 or 24 bbls and



Thursday, OCTOBER 7

280th Day—85 days to come

For Rex Johnston for Fair

Send to

Lee Aronson

Agri Bldg

State Fair

Dallas Tex

Rec'd for District 11 exhibits

C P 231

BBT 50

Texas Patra

Zenith

---



Friday, OCTOBER 8

281st Day—84 days to come

Went to Houston to confer  
with General Ford, Campbell  
and R. A. and R. H.  
regarding quality project

Sunday, OCTOBER 10

282nd Day—83 days to come

Went to  
Houston  
to confer  
with  
General  
Ford  
and  
Campbell  
and  
R. A.  
and  
R. H.  
regarding  
quality  
project

Saturday, OCTOBER 9

282nd Day—83 days to come

Sunday, OCTOBER 10

283rd Day—82 days to come

Monday, OCTOBER 11

284th Day—81 days to come

Trip to Houston to confer  
with General Foods, Campbell  
Soup, TRPA & TRIA  
regarding quality project.

---

Dishman  
Bayt  
Winters  
Chandler  
Huth  
Youngkin  
Lewis  
Davis  
Brackell



Tuesday, OCTOBER 12

285th Day--80 days to come

up to 1000 ft. in  
with 1000 ft. in  
AIR to 1000 ft. in  
trying to get in

---

Sunday, OCTOBER 10

284th Day--81 days to come

which  
that  
in  
and  
and  
and



Wednesday, OCTOBER 13

286th Day—79 days to come

Dmp BBT ~~5~~ Block 3/1632

109✓

106✓

110✓

100✓

102✓

104✓

52✓

valley not

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683

117✓

117✓

114✓

110✓

112✓

109✓

63✓

not not.

742  
1484  
604

---

742

Thursday, OCTOBER 14

287th Day—78 days to come

Friday, OCTOBER 15

288th Day—77 days to come

~~But~~ Bayle from  
British Guiana here  
called D.V. Lytleton re  
conference w/nt Bayle

Sunday, OCTOBER 17

290th Day—75 days to come



Saturday, OCTOBER 16

289th Day—76 days to come

Sunday, OCTOBER 17

290th Day—75 days to come



Monday, OCTOBER 18

291st Day—74 days to come

Tuesday, OCTOBER 19

292nd Day—73 days to come

Sunday, OCTOBER 17

291st Day—74 days to come

Wednesday, OCTOBER 20

293rd Day—72 days to come

Thursday, OCTOBER 21

294th Day—71 days to come



Friday, OCTOBER 22

295th Day—70 days to come

Sunday, OCTOBER 24

297th Day—68 days to come

Saturday, OCTOBER 23

296th Day—69 days to come

Sunday, OCTOBER 24

297th Day—68 days to come

**Monday, OCTOBER 25**

**298th Day—67 days to come**

Tuesday, OCTOBER 26

299th Day—66 days to come

Sunday, OCTOBER 24

297th Day—68 days to come



Wednesday, OCTOBER 27

300th Day—65 days to come

Thursday, OCTOBER 28

301st Day—64 days to come

Friday, OCTOBER 29

302nd Day—63 days to come

Sunday, OCTOBER 31

304th Day—61 days to come

Saturday, OCTOBER 30

303rd Day—62 days to come

Sunday, OCTOBER 31

304th Day—61 days to come



Monday, NOVEMBER 1

305th Day—60 days to come

Tuesday, NOVEMBER 2

306th Day—59 days to come

Sunday, OCTOBER 31

306th Day—41 days to come

Wednesday, NOVEMBER 3

307th Day—58 days to come

Thursday, NOVEMBER 4

308th Day—57 days to come



Friday, NOVEMBER 5

309th Day—56 days to come

Sunday, NOVEMBER 7

311th Day—54 days to come

**Saturday, NOVEMBER 6**

310th Day—55 days to come

**Sunday, NOVEMBER 7**

311th Day—54 days to come

Monday, NOVEMBER 8

312th Day—53 days to come

Tuesday, NOVEMBER 19

313th Day—52 days to come

Sunday, NOVEMBER 7

311th Day—54 days to come



Wednesday, NOVEMBER 10

314th Day—51 days to come

Called C. B. Cardwell  
re cooperatives field  
experimentation

Thursday, NOVEMBER 11

315th Day—50 days to come

Friday, NOVEMBER 12

316th Day—49 days to come

Called C.B. Cardwell  
re cooperative field  
experiments

Sunday, NOVEMBER 14

318th Day—47 days to come

Saturday, NOVEMBER 13

317th Day—48 days to come

Sunday, NOVEMBER 14

318th Day—47 days to come



Monday, NOVEMBER 15

319th Day—46 days to come

Tuesday, NOVEMBER 16

320th Day—45 days to come

Sunday, NOVEMBER 14

31st Day—47 days to come

Wednesday, NOVEMBER 17

321st Day—44 days to come

Thursday, NOVEMBER 18

322nd Day—43 days to come



Friday, NOVEMBER 192

323rd Day—42 days to come

Sunday, NOVEMBER 21

325th Day—40 days to come

**Saturday, NOVEMBER 20**

324th Day—41 days to come

**Sunday, NOVEMBER 21**

325th Day—40 days to come

Monday, NOVEMBER 22

326th Day—39 days to come

Tuesday, NOVEMBER 23

327th Day—38 days to come

Sunday, NOVEMBER 21

325th Day—40 days to come



Wednesday, NOVEMBER 24

328th Day—37 days to come

Thursday, NOVEMBER 25

329th Day—36 days to come

Friday, NOVEMBER 26

330th Day—35 days to come

Sunday, NOVEMBER 28

332nd Day—33 days to come

Saturday, NOVEMBER 27

331st Day—34 days to come

Sunday, NOVEMBER 28

332nd Day—33 days to come



Monday, NOVEMBER 29

333rd Day—32 days to come

Tuesday, NOVEMBER 30

334th Day—31 days to come

Sunday, NOVEMBER 28

332nd Day—33 days to come

Wednesday, DECEMBER 1

335th Day—30 days to come

Thursday, DECEMBER 27

336th Day—29 days to come



Friday, DECEMBER 3

337th Day—28 days to come

Sunday, DECEMBER 2

338th Day—26 days to come

Saturday, DECEMBER 4

338th Day—27 days to come

Sunday, DECEMBER 5

339th Day — 26 days to come

Monday, DECEMBER 6

340th Day—25 days to come

Tuesday, DECEMBER 7

341st Day—24 days to come

Sunday, DECEMBER 5

343rd Day — 26 days to come



Wednesday, DECEMBER 8

342nd Day—23 days to come

8 Thursday, DECEMBER 9 7

343rd Day—22 days to come

Friday, DECEMBER 10

344th Day—21 days to come

Sunday, DECEMBER 12

345th Day—19 days to come

Saturday, DECEMBER 11

345th Day—20 days to come

Sunday, DECEMBER 12

346th Day—19 days to come



Monday, DECEMBER 13

347th Day—18 days to come

Tuesday, DECEMBER 14

348th Day—17 days to come

Sunday, DECEMBER 12

346th Day—19 days to come

Wednesday, DECEMBER 15

349th Day—16 days to come

Thursday, DECEMBER 16

350th Day—15 days to come

Called Pat Boyt re  
Adair visit and  
conference on quality  
work.



8 Friday, DECEMBER 17

351st Day—14 days to come

9 Sunday, DECEMBER 18

352nd Day—13 days to come

Saturday, DECEMBER 18

352nd Day—13 days to come

*Called Pat Rost re  
Adm. Court and  
conference on quality  
work*

Sunday, DECEMBER 19

353rd Day—12 days to come

Monday, DECEMBER 20

354th Day—11 days to come

**Tuesday, DECEMBER 21**

**355th Day—10 days to come**

**Sunday, DECEMBER 19**

**353rd Day—12 days to come**



Wednesday, DECEMBER 22

356th Day—9 days to come

Thursday, DECEMBER 23

357th Day—8 days to come

Friday, DECEMBER 24

358th Day—7 days to come

Sunday, DECEMBER 26

360th Day—5 days to come

**Saturday, DECEMBER 25**

**359th Day—6 days to come**

**Sunday, DECEMBER 26**

**360th Day—5 days to come**



Monday, DECEMBER 27

361st Day—4 days to come

**Tuesday, DECEMBER 28**

**362nd Day—3 days to come**

**Sunday, DECEMBER 28**

**363rd Day—3 days to come**

Wednesday, DECEMBER 29

363rd Day—2 days to come

Thursday, DECEMBER 30

364th Day—1 day to come



Friday, DECEMBER 31

365th Day—last day of year

Special Data

355th Day - 1st day of year

# Special Data

# Birthdays and Anniversaries



# Birthdays and Anniversaries

Carry Forward to 1955

Carry Forward to 1955

|  | Received | Paid |
|--|----------|------|
|  |          |      |

Carry Forward to 1955



## Cash Account, January

[illegible]

# Cash Account, February

|  |  |  |  | Received | Paid |
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# Cash Account, March

| Paid | Received | Received | Paid |
|------|----------|----------|------|
|      |          |          |      |





# Cash Account, May

| Paid | Received |  | Received | Paid |
|------|----------|--|----------|------|
|      |          |  |          |      |



# Cash Account, July

| Paid | Received |  | Received | Paid |
|------|----------|--|----------|------|
|      |          |  |          |      |





## Cash Account, September

[illegible]

## Cash Account, October

[illegible]

# Cash Account, November

| Paid                             |  | Received |  | Paid |  |
|----------------------------------|--|----------|--|------|--|
| On hand January 1 . . . . .      |  |          |  |      |  |
| January . . . . .                |  |          |  |      |  |
| February . . . . .               |  |          |  |      |  |
| March . . . . .                  |  |          |  |      |  |
| April . . . . .                  |  |          |  |      |  |
| May . . . . .                    |  |          |  |      |  |
| June . . . . .                   |  |          |  |      |  |
| July . . . . .                   |  |          |  |      |  |
| August . . . . .                 |  |          |  |      |  |
| September . . . . .              |  |          |  |      |  |
| October . . . . .                |  |          |  |      |  |
| November . . . . .               |  |          |  |      |  |
| December . . . . .               |  |          |  |      |  |
| Total . . . . .                  |  |          |  |      |  |
| Balance to new account . . . . . |  |          |  |      |  |





# Summary of Cash Account

|                        |   |   |   | Received |  | Paid |  |
|------------------------|---|---|---|----------|--|------|--|
| On hand January 1      | . | . | . |          |  |      |  |
| January                | . | . | . |          |  |      |  |
| February               | . | . | . |          |  |      |  |
| March                  | . | . | . |          |  |      |  |
| April                  | . | . | . |          |  |      |  |
| May                    | . | . | . |          |  |      |  |
| June                   | . | . | . |          |  |      |  |
| July                   | . | . | . |          |  |      |  |
| August                 | . | . | . |          |  |      |  |
| September              | . | . | . |          |  |      |  |
| October                | . | . | . |          |  |      |  |
| November               | . | . | . |          |  |      |  |
| December               | . | . | . |          |  |      |  |
| Total                  |   |   |   |          |  |      |  |
| Balance to new account |   |   |   |          |  |      |  |

# Insurance

| Rate | Issue | Name of Company                  |
|------|-------|----------------------------------|
|      |       | On hand January 1 . . . . .      |
|      |       | January . . . . .                |
|      |       | February . . . . .               |
|      |       | March . . . . .                  |
|      |       | April . . . . .                  |
|      |       | May . . . . .                    |
|      |       | June . . . . .                   |
|      |       | July . . . . .                   |
|      |       | August . . . . .                 |
|      |       | September . . . . .              |
|      |       | October . . . . .                |
|      |       | November . . . . .               |
|      |       | December . . . . .               |
|      |       | Total . . . . .                  |
|      |       | Balance to new account . . . . . |

1940-1941

[illegible]



# DIRECTORY

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# DIRECTORY

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# DIRECTORY

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# Postal Information

Effective January 1, 1952

**First Class.** (Limit 70 lbs.): Letters, 3c for each ounce or fraction. Postal cards, 2c each. Air postal cards, 4c each.

**Air Mail.** (Limit 8 ozs.): 6c an ounce or fraction.

**Air Parcel Post Zone Rates.** (Over 8 ozs.): Limit 70 lbs.

| Zones                   | Miles        | 1st Add. Lbs. | Each Lb. or Fraction |
|-------------------------|--------------|---------------|----------------------|
| First, Second and Third | Up to 300    | 60c           | 48c                  |
| Fourth                  | 300 to 600   | 65c           | 50c                  |
| Fifth                   | 600 to 1000  | 70c           | 56c                  |
| Sixth                   | 1000 to 1400 | 75c           | 64c                  |
| Seventh                 | 1400 to 1800 | 75c           | 72c                  |
| Eighth                  | Over 1800    | 80c           | 80c                  |

**Note:** Parcels weighing less than 10 lbs. but exceeding 84" in length and girth combined are subject to the 10-lb. rate. Eighth Zone rates apply to A.P.O. and F.P.O. Airmail parcels.

**Second Class** (Effective April 1, 1952): Newspapers, and other periodicals entered as Second Class matter—2c for the first 2 ounces and 1c for each additional 2 ounces, or fraction thereof; or fourth class rates, whichever is lower.

**Third Class** (Limit 8 ounces): Circulars and miscellaneous printed matter, also merchandise 2c for first 2 ounces, and 1c for each additional ounce or fraction. For books and catalogues (24 or more pages) seeds, bulbs, etc.—2c for the first 2 ounces, and 1½c for each additional 2 ounces or fraction.

**For Bulk Mailings** under permit, see postmaster for annual fee and rates.

**Fourth Class or Parcel Post.** (Over 8 ounces. See table of rates on the following page, subject to the following limitations.

Mailed from first class post offices addressed for delivery through other first class post offices shall be limited in size and weight as follows:

**SIZE:** 72 inches in length and girth combined.

**WEIGHT:** 40 lbs. to first and second zone (150 miles); 20 lbs. in the third to eighth zones.

The limits of 100 inches in length and girth combined, and 70 lbs. apply to parcels mailed at any post office for local delivery or for delivery to or from any 2nd, 3rd, or 4th class post office for delivery at any post office; applies also to books over 8 ounces mailed at the book rate of 8c for the first lb. and 4c for each additional lb., or fraction thereof; also to mail to or from A.P.O. or F.P.O. offices.

**Special Rates for Books of 24 pages or more.** (Limit 70 lbs.): Books containing no advertising matter other than incidental announcements of books, all zones: 8c for first lb., 4c for each additional lb.

**Special Handling** (Fourth Class Only):  
Up to 2 lbs. 15c  
Over 2 lbs. up to 10 lbs. 20c  
Over 10 lbs. 25c

**Special Delivery Fees.** All Classes of Mail Including Air Mail.

| Special Delivery          | First Class | Other Classes |
|---------------------------|-------------|---------------|
| Up to 2 lbs.              | 20c         | 35c           |
| Over 2 lbs. up to 10 lbs. | 35c         | 45c           |
| Over 10 lbs.              | 50c         | 60c           |

**Registered Mail.** Fees for indemnity limited to:

| No Indemnity | \$0.30 | \$400   | \$1.15 |
|--------------|--------|---------|--------|
| \$5          | .40    | \$500   | 1.25   |
| \$25         | .55    | \$600   | 1.35   |
| \$50         | .65    | \$700   | 1.45   |
| \$75         | .75    | \$800   | 1.55   |
| \$100        | .85    | \$900   | 1.65   |
| \$200        | .95    | \$1,000 | 1.75   |
| \$300        | 1.05   |         |        |

Where the declared value is in excess of \$25, a fee of not less than 55c shall be paid. When the declared value exceeds the maximum indemnity covered by the registry fee paid, surcharge is made as follows:

| Excess declared value | Surcharge (cents) | Excess declared value | Surcharge (cents) |
|-----------------------|-------------------|-----------------------|-------------------|
| Up to \$50            | 2c                | Up to \$600           | 7c                |
| Up to \$100           | 3c                | Up to \$800           | 8c                |
| Up to \$200           | 4c                | Up to \$999.99        | 10c               |
| Up to \$400           | 6c                |                       |                   |

**Note:** If the excess of the declared value over maximum indemnity covered by registry fee is \$1,000, or more, the surcharges for each \$1,000, or part of \$1,000, of such excess are as follows:

|                                           |     |
|-------------------------------------------|-----|
| For local delivery or within first zone   | 12c |
| For delivery within second zone           | 14c |
| For delivery within third zone            | 16c |
| For delivery within fourth zone           | 17c |
| For delivery within fifth, sixth zones    | 18c |
| For delivery within seventh, eighth zones | 19c |

**Insured Mail.** (Third and fourth classes). Fees for indemnity limited to:

| Cents | Cents |
|-------|-------|
| \$5   | 5     |
| \$10  | 10    |
| \$25  | 15    |
| \$50  | 20    |
| \$100 | 30    |
| \$200 | 35    |

**C.O.D. Mail** — Unregistered (third and fourth classes) — Free for collections and indemnity limited to:

|                    |        |
|--------------------|--------|
| \$ 0.01 to \$ 5.00 | \$0.30 |
| 5.01 to 10.00      | .40    |
| 10.01 to 25.00     | .60    |
| 25.01 to 50.00     | .70    |
| 50.01 to 100.00    | .80    |
| 100.01 to 150.00   | .90    |
| 150.01 to 200.00   | 1.00   |

**Return receipts** for registered or insured mail: Fee, if requested at time of mailing 7c; after mailing, 15c; at time of mailing to show address of delivery, 31c. If delivery is restricted to a particular addressee, additional 20c.

**Money Orders.** (Limit \$100 each). Fees for orders from:

| Cents            | Cents |
|------------------|-------|
| \$0.01 to \$5    | 10    |
| \$5.01 to \$10   | 15    |
| \$10.01 to \$50  | 25    |
| \$50.01 to \$100 | 35    |



# Parcel Post Zone Rates Effective Oct. 1, 1951

| WEIGHT<br>IN POUNDS | ZONES <i>300 600 1000 1400 1800 1800+</i> |        |        |        |        |        |        |        |
|---------------------|-------------------------------------------|--------|--------|--------|--------|--------|--------|--------|
|                     | Local                                     | 1-2    | 3      | 4      | 5      | 6      | 7      | 8      |
| 1.....              | \$0.15                                    | \$0.17 | \$0.17 | \$0.19 | \$0.21 | \$0.23 | \$0.25 | \$0.27 |
| 2.....              | .17                                       | .20    | .21    | .24    | .28    | .33    | .37    | .41    |
| 3.....              | .18                                       | .22    | .24    | .29    | .35    | .42    | .48    | .55    |
| 4.....              | .19                                       | .25    | .28    | .34    | .42    | .51    | .60    | .69    |
| 5.....              | .20                                       | .27    | .31    | .38    | .48    | .60    | .71    | .83    |
| 6.....              | .22                                       | .29    | .35    | .43    | .55    | .70    | .83    | .97    |
| 7.....              | .23                                       | .32    | .38    | .48    | .62    | .79    | .94    | 1.11   |
| 8.....              | .24                                       | .34    | .42    | .53    | .69    | .88    | 1.06   | 1.25   |
| 9.....              | .25                                       | .37    | .45    | .57    | .75    | .97    | 1.17   | 1.39   |
| 10.....             | .27                                       | .39    | .49    | .62    | .82    | 1.07   | 1.29   | 1.53   |
| 11.....             | .28                                       | .41    | .52    | .67    | .89    | 1.16   | 1.40   | 1.67   |
| 12.....             | .29                                       | .44    | .56    | .72    | .96    | 1.25   | 1.52   | 1.81   |
| 13.....             | .30                                       | .46    | .59    | .76    | 1.02   | 1.34   | 1.63   | 1.95   |
| 14.....             | .32                                       | .49    | .63    | .81    | 1.09   | 1.44   | 1.75   | 2.09   |
| 15.....             | .33                                       | .51    | .66    | .86    | 1.16   | 1.53   | 1.86   | 2.23   |
| 16.....             | .34                                       | .53    | .70    | .91    | 1.23   | 1.62   | 1.98   | 2.37   |
| 17.....             | .35                                       | .56    | .73    | .95    | 1.29   | 1.71   | 2.09   | 2.51   |
| 18.....             | .37                                       | .58    | .77    | 1.00   | 1.36   | 1.81   | 2.21   | 2.65   |
| 19.....             | .38                                       | .61    | .80    | 1.05   | 1.43   | 1.90   | 2.32   | 2.79   |
| 20.....             | .39                                       | .63    | .84    | 1.10   | 1.50   | 1.99   | 2.44   | 2.93   |
| 21.....             | .40                                       | .65    | .87    | 1.14   | 1.56   | 2.08   | 2.55   | 3.07   |
| 22.....             | .42                                       | .68    | .91    | 1.19   | 1.63   | 2.18   | 2.67   | 3.21   |
| 23.....             | .43                                       | .70    | .94    | 1.24   | 1.70   | 2.27   | 2.78   | 3.35   |
| 24.....             | .44                                       | .73    | .98    | 1.29   | 1.77   | 2.36   | 2.90   | 3.49   |
| 25.....             | .45                                       | .75    | 1.01   | 1.33   | 1.83   | 2.45   | 3.01   | 3.63   |
| 26.....             | .47                                       | .77    | 1.05   | 1.38   | 1.90   | 2.55   | 3.13   | 3.77   |
| 27.....             | .48                                       | .80    | 1.08   | 1.43   | 1.97   | 2.64   | 3.24   | 3.91   |
| 28.....             | .49                                       | .82    | 1.12   | 1.48   | 2.04   | 2.73   | 3.36   | 4.05   |
| 29.....             | .50                                       | .85    | 1.15   | 1.52   | 2.10   | 2.82   | 3.47   | 4.19   |
| 30.....             | .52                                       | .87    | 1.19   | 1.57   | 2.17   | 2.92   | 3.59   | 4.33   |
| 31.....             | .53                                       | .89    | 1.22   | 1.62   | 2.24   | 3.01   | 3.70   | 4.47   |
| 32.....             | .54                                       | .92    | 1.26   | 1.67   | 2.31   | 3.10   | 3.82   | 4.61   |
| 33.....             | .55                                       | .94    | 1.29   | 1.71   | 2.37   | 3.19   | 3.93   | 4.75   |
| 34.....             | .57                                       | .97    | 1.33   | 1.76   | 2.44   | 3.29   | 4.05   | 4.89   |
| 35.....             | .58                                       | .99    | 1.36   | 1.81   | 2.51   | 3.38   | 4.16   | 5.03   |
| 36.....             | .59                                       | 1.01   | 1.40   | 1.86   | 2.58   | 3.47   | 4.28   | 5.17   |
| 37.....             | .60                                       | 1.04   | 1.43   | 1.90   | 2.64   | 3.56   | 4.39   | 5.31   |
| 38.....             | .62                                       | 1.06   | 1.47   | 1.95   | 2.71   | 3.66   | 4.51   | 5.45   |
| 39.....             | .63                                       | 1.09   | 1.50   | 2.00   | 2.78   | 3.75   | 4.62   | 5.59   |
| 40.....             | .64                                       | 1.11   | 1.54   | 2.05   | 2.85   | 3.84   | 4.74   | 5.73   |
| 41.....             | .65                                       | 1.13   | 1.57   | 2.09   | 2.91   | 3.93   | 4.85   | 5.87   |
| 42.....             | .67                                       | 1.16   | 1.61   | 2.14   | 2.98   | 4.03   | 4.97   | 6.01   |
| 43.....             | .68                                       | 1.18   | 1.64   | 2.19   | 3.05   | 4.12   | 5.08   | 6.15   |
| 44.....             | .69                                       | 1.21   | 1.68   | 2.24   | 3.12   | 4.21   | 5.20   | 6.29   |
| 45.....             | .70                                       | 1.23   | 1.71   | 2.28   | 3.18   | 4.30   | 5.31   | 6.43   |
| 46.....             | .72                                       | 1.25   | 1.75   | 2.33   | 3.25   | 4.40   | 5.43   | 6.57   |
| 47.....             | .73                                       | 1.28   | 1.78   | 2.38   | 3.32   | 4.49   | 5.54   | 6.71   |
| 48.....             | .74                                       | 1.30   | 1.82   | 2.43   | 3.39   | 4.58   | 5.66   | 6.85   |
| 49.....             | .75                                       | 1.33   | 1.85   | 2.47   | 3.45   | 4.67   | 5.77   | 6.99   |
| 50.....             | .77                                       | 1.35   | 1.89   | 2.52   | 3.52   | 4.77   | 5.89   | 7.13   |
| 51.....             | .78                                       | 1.37   | 1.92   | 2.57   | 3.59   | 4.86   | 6.00   | 7.27   |
| 52.....             | .79                                       | 1.40   | 1.96   | 2.62   | 3.66   | 4.95   | 6.12   | 7.41   |
| 53.....             | .80                                       | 1.42   | 1.99   | 2.66   | 3.72   | 5.04   | 6.23   | 7.55   |
| 54.....             | .82                                       | 1.45   | 2.03   | 2.71   | 3.79   | 5.14   | 6.35   | 7.69   |
| 55.....             | .83                                       | 1.47   | 2.06   | 2.76   | 3.86   | 5.23   | 6.46   | 7.83   |
| 56.....             | .84                                       | 1.49   | 2.10   | 2.81   | 3.93   | 5.32   | 6.58   | 7.97   |
| 57.....             | .85                                       | 1.52   | 2.13   | 2.85   | 3.99   | 5.41   | 6.69   | 8.11   |
| 58.....             | .87                                       | 1.54   | 2.17   | 2.90   | 4.06   | 5.51   | 6.81   | 8.26   |
| 59.....             | .88                                       | 1.57   | 2.20   | 2.95   | 4.13   | 5.60   | 6.92   | 8.39   |
| 60.....             | .89                                       | 1.59   | 2.24   | 3.00   | 4.20   | 5.69   | 7.04   | 8.53   |
| 61.....             | .90                                       | 1.61   | 2.27   | 3.04   | 4.26   | 5.78   | 7.15   | 8.67   |
| 62.....             | .92                                       | 1.64   | 2.31   | 3.09   | 4.33   | 5.88   | 7.27   | 8.81   |
| 63.....             | .93                                       | 1.66   | 2.34   | 3.14   | 4.40   | 5.97   | 7.38   | 8.95   |
| 64.....             | .94                                       | 1.69   | 2.38   | 3.19   | 4.47   | 6.06   | 7.50   | 9.09   |
| 65.....             | .95                                       | 1.71   | 2.41   | 3.23   | 4.53   | 6.15   | 7.61   | 9.23   |
| 66.....             | .97                                       | 1.73   | 2.45   | 3.28   | 4.60   | 6.25   | 7.73   | 9.37   |
| 67.....             | .98                                       | 1.76   | 2.48   | 3.33   | 4.67   | 6.34   | 7.84   | 9.51   |
| 68.....             | .99                                       | 1.78   | 2.52   | 3.38   | 4.74   | 6.43   | 7.96   | 9.65   |
| 69.....             | 1.00                                      | 1.81   | 2.55   | 3.42   | 4.80   | 6.52   | 8.07   | 9.79   |
| 70.....             | 1.02                                      | 1.83   | 2.59   | 3.47   | 4.87   | 6.62   | 8.19   | 9.93   |

## EXCEPTIONS:

In the first or second zone, where the distance by the shortest regular practicable mail route is 300 miles or more, the rate is the same as for the third zone.

Parcels weighing less than 10 pounds measuring over 84 inches, but not more than 100 inches in length and girth combined, are subject to a minimum charge equal to that for a 10-pound parcel for the zone to which addressed.

Books and catalogues — see Postmaster for special book rate regulations.



# Help in Case of Accident

In all cases of serious shock or injury, send for a doctor or ambulance at once. In the meantime, apply first aid promptly, but not hastily.

**BLEEDING WOUNDS**—Bleeding in spurts indicates severing of an artery. Steady flow indicates a vein has been cut. Bleeding from an artery should be stopped by applying pressure of the thumb, a compress or cloth pad over the artery at a point between the bleeding wound and the heart. In bleeding from a vein (steady flow), pressure should be applied on the side away from the heart. Where bleeding is not severe, a compress over the open wound should be sufficient. If bleeding is very severe, tourniquet may be made by tying handkerchief, cloth, belt, strap or neck-tie around the part over compress and using small stick, pencil, or similar article with which to twist and tighten. Do not twist too hard, just enough to stop bleeding. Loosen every twenty minutes to let a little blood escape. Keep the part elevated.

**SHOCK**—Lay patient flat on back with head low, unless head is bleeding. Remove false teeth, gum or tobacco from mouth. Keep patient warm. Give stimulants such as aromatic spirits of ammonia in water, hot coffee, tea or water. Do not give stimulant to unconscious patients, or one who may have internal bleeding.

**BURNS AND SCALDS**—Skin unbroken. A paste of baking soda in water, cod-liver, olive, or castor oil; or vaseline. Cover with sterile gauze. Where skin is broken, apply wet baking soda, gentian violet jelly, picric acid, gauze, or tannic acid jelly. Keep dressing moist. Chemical burns—wash immediately with large quantities of clean water before applying any other treatment.

**FAINTING**—Place flat on back, head lower than rest of body, loosen clothing, allow plenty of fresh air and keep warm.

**LIGHTNING OR SUN STROKE**—Loosen clothing, dash cold water on face, treat for shock. In case of sun stroke, remove to shade. Apply cold water to head.

## ARTIFICIAL RESPIRATION— Prone Method

Some injuries such as electric shock, drowning, gas poisoning and choking interfere with breathing and may cause asphyxiation, unless normal breathing is promptly restored. Artificial respiration should be resorted to, to bring this about, but remember, **SEND FOR A DOCTOR IMMEDIATELY.**

Lay the patient prone, (face down), the head "downhill," if possible, with one arm extended directly overhead, and the other arm bent at the elbow to form a resting place for the head, so that nose and mouth are free for breathing.

Kneel, straddling the patient's thighs, with palms of the hands on the small of the back, and fingers resting on the ribs, the little finger just touching the lowest rib, and the fingers extended straight down.

With arms held straight, swing forward slowly, bringing the weight of the body gradually upon the patient, so that the shoulder in this position is directly over the heel of the hand at the end of the forward swing. Do not bend elbows. Then

immediately swing backward, so as to remove the pressure completely. After two seconds, repeat the pressure and release the complete swing forward and backward to take four or five seconds, or 12 to 15 times a minute. Continue without interruption until the patient breathes naturally.

Patients have been revived after as long as four hours or more by this method. Keep up the artificial respiration and do not allow patient, even if he starts to breathe naturally, to stand or sit up. Keep patient warm and if doctor has not arrived by the time patient has revived, give light stimulants, 1 teaspoon of aromatic spirits of ammonia in a small glass of water, or hot drink of coffee or tea. Watch patient to see that normal breathing continues, and if natural breathing stops, begin artificial respiration again. If necessary, to change operator, the change should be made without losing the rhythm of respiration.

## IN CASE OF POISONING

**First**—Send for a physician.

**Second**—Induce vomiting by tickling throat with feather or finger. Drink hot water or strong mustard and water. Swallow sweet oil or whites of eggs.

Acids are antidotes for Alkalies and vice versa.

## SPECIAL POISONS AND ANTIDOTES

**ACIDS**—Muriatic, Oxalic, Acetic, Sulphuric (Oil of Vitriol), Nitric (Aqua Fortis).

Ant.—Soap suds, magnesla, lime-water.

**PRUSSIC ACID**, Cyanide of Potassium.

Ant.—Ammonia in water. Dash water in face. Give stimulants.

**CARBOLIC ACID**—

Ant.—Flour and water, mucilaginous drinks.

**ALKALIES**, Potash, Lye, Hartshorn, Ammonia.

Ant.—Vinegar or lemon juice in water.

**ARSENIC**, Rat Poison, Paris Green.

Ant.—Milk, raw eggs, sweet oil, lime-water, flour and water.

**BUG POISON**, Lead, Saltpetre, Corrosive sublimate, Sugar of Lead, Blue Vitriol.

Ant.—Whites of eggs or milk in large doses.

**CHLOROFORM**, Chloral, Ether.

Ant.—Give emetic, keep patient aroused; apply mustard plaster over heart and calves of legs; use artificial respiration.

**CARBONATE OF SODA**, Coperas, Cobalt.

Ant.—Soap suds and mucilaginous drinks.

**IODINE**, Antimony, Tartar Emetic.

Ant.—Starch and water, chalk, magnesla, starchy food, strong tea. Apply external heat.

**MERCURY** and its Salts.

Ant.—Whites of Eggs, Milk Mucilages.

**OPIUM**—Morphine, Laudanum, Paregoric, Soothing Powders or Syrups.

Ant.—Strong coffee, mustard or ipecac as emetic. Keep awake and moving. Keep warm.



## How to Prevent Fires

Most fire losses occurring in the United States and Canada, the two countries that lead the world in per capita loss, arise from causes easily preventable. You can reduce your probability of loss by attention to the following simple precautions:

1. Provide metal containers for hot ashes and prohibit the use of wooden receptacles.

2. Keep cellars, closets and stairways free from loose wrapping paper or other highly combustible material.

3. Equip your property so that it is easy to turn off current when leaving electric irons and other heating appliances, even for a short time.

4. Use only good standard fuses and never permit the substitution of coils or wires for blown fuses.

5. Examine metal flues periodically and see that they are renewed before they

are badly weakened by internal rust or otherwise.

6. See that accumulations of soot are removed from your chimneys at least once in each year, preferably before lighting fires in the Fall.

7. Make sure that gasoline and other inflammable fluids, including duco, are kept out of rooms where there are open fires or flames of any kind.

8. Keep open lights (candles, gas) and portable electric heaters away from curtains or other inflammable material which may come in contact with them.

9. If oil mops are used on your floors, see to it that they are kept, when not in use, preferably on an incombustible floor (such as the concrete floor in your basement) and never in a closet.

10. Keep your supply of matches in a closed metal receptacle and out of reach of the children.

## Rules in Case of Fire

Familiarize yourself with the location of windows and natural escapes.

Learn the position of all stairways, particularly the top landing and scuttle to the roof.

Keep the doors of rooms shut.

Wet a towel, stuff it in the mouth, breathe through it instead of nose, so as not to inhale smoke.

Never get excited, try to recall the means of exit.

If room fills with smoke keep close to floor and crawl along by the walls to the window.

NEVER go to roof, unless as a last resort and you know there is escape to adjoining buildings.

NEVER jump through flames in a building without covering the head with a blanket or heavy clothing.

Open windows from the top.

## Common Stains and How to Remove Them

Blood and meat juice. Use cold water; soap and cold water; or starch paste.

Bluing. Use boiling water.

Chocolate and cocoa. Use borax and cold water; bleach if necessary.

Coffee and tea. (Clear)—Use boiling water; bleach if necessary. (With cream). Use cold water, then boiling water; bleach if necessary.

Cream and milk. Use cold water, then soap and cold water.

Egg. Use cold water.

Fruit and fruit juices. Use boiling water; bleach if necessary.

Grass. Use cold water; soap and cold water; alcohol or a bleaching agent.

Grease and oils. Use French chalk, blotting paper or other absorbent; or warm water and soap; or gasoline, benzine, or carbon tetrachloride.

Iodine. Use warm water and soap; alcohol; or ammonia.

Ink. Try cold water; then use an acid or bleach if necessary.

Iron. Use oxalic acid; hydrochloric acid; salts of lemon; or lemon juice and salt.

Kerosene. Use warm water and soap.

Lampblack and soot. Use kerosene, ben-

zine, chloroform, ether, gasoline, or carbon tetrachloride.

Medicine. Use alcohol.

Mildew. If fresh, use cold water; otherwise try to bleach with javelle water or potassium permanganate.

Paint and varnish. Use alcohol, carbon tetrachloride, chloroform, or turpentine.

Perspiration. Use soap and warm water; bleach in the sun or with javelle water or potassium permanganate.

Pitch, tar and wheel grease. Rub with fat; then use soap and warm water; or benzine, gasoline, or carbon tetrachloride.

Scorch. Bleach in the sunshine or with javelle water.

Shoe polish. (Black)—Use soap and water; or turpentine. (Tan)—Use alcohol.

Syrup. Use water.

Stove polish. Use cold water and soap; or kerosene, benzine or gasoline.

Vaseline. Use kerosene or turpentine.

Water. Steam or sponge the entire surface of water-spotted materials.

Wax. Scrape off as much as possible. Use French chalk, blotting paper or other absorbent, with a warm iron; or use benzine or gasoline. If color remains, use alcohol or bleach.



# Weights and Measures

## APOTHECARIES' WEIGHT

20 grains = 1 scruple 8 drams = 1 ounce  
3 scruples = 1 dram 12 ounces = 1 pound  
Ounce and pound are the same as in  
Troy Weight

## AVOIRDUPOIS WEIGHT

27-11/32 grains = 1 dram  
16 drams = 1 ounce  
16 ounces = 1 pound  
25 pounds = 1 quarter  
4 quarters = 1 cwt.  
2,000 pounds = 1 short ton  
2,240 pounds = 1 long ton

## TROY WEIGHT

24 grains = 1 dwt.  
20 dwts. = 1 ounce 12 ounces = 1 pound  
Used for weighing gold, silver and jewels.

## CLOTH MEASURE

2 1/4 inches = 1 nail 4 nails = 1 quarter  
4 quarters = 1 yard

## CUBIC MEASURE

1,728 cubic inches = 1 cubic foot  
27 cubic feet = 1 cubic yard  
128 cubic feet = 1 cord (wood)  
40 cubic feet = 1 ton (shipping)  
2,150.42 cubic inches = 1 standard bushel  
231 cubic inches = 1 U. S. standard gallon  
1 cubic foot = about 4/5 of a bushel

## DRY MEASURE

2 pints = 1 quart 4 pecks = 1 bushel  
8 quarts = 1 peck 36 bushels = 1 chaldron

## LIQUID MEASURE

4 gills = 1 pint 4 quarts = 1 gallon  
2 pints = 1 quart 3 1/2 gals. = 1 barrel  
2 barrels = 1 hogshead

## LONG MEASURE

12 inches = 1 foot  
3 feet = 1 yard  
5 1/2 yards = 1 rod  
40 rods = 1 furlong  
8 furlongs = 1 sta. mile  
3 miles = 1 league

## MARINERS' MEASURE

6 feet = 1 fathom 120 fath's = 1 cable length  
7 1/2 cable lengths = 1 mile  
5,280 feet = 1 statute mile  
6,085 feet = 1 nautical mile

## PAPER MEASURE

24 sheets = 1 quire 20 quires = 1 ream  
(480 sheets)  
2 reams = 1 bundle 5 bundles = 1 bale

## SQUARE MEASURE

144 square inches = 1 square foot  
9 square feet = 1 square yard  
30 1/4 square yards = 1 square rod  
40 square rods = 1 rood  
4 roods = 1 acre  
640 acres = 1 square mile

## SURVEYORS' MEASURE

7.92 inches = 1 link  
25 links = 1 rod  
4 rods = 1 chain  
10 sq. chains or 160 sq. rods = 1 acre  
640 acres = 1 sq. mile  
36 sq. miles (6 miles sq.) = 1 township

## TIME MEASURE

60 seconds = 1 minute 60 min. = 1 hour  
24 hours = 1 day 7 days = 1 week  
28, 29, 30 or 31 days = 1 calendar month  
30 days = 1 month in computing interest  
365 days = 1 year 366 days = 1 leap year

## MISCELLANEOUS

3 inches = 1 palm 4 inches = 1 hand  
6 inches = 1 span 18 inches = 1 cubit  
21.8 inches = 1 Bible cubit  
2 1/2 feet = 1 military pace

## METRIC EQUIVALENTS—

### Linear Measure

1 centimeter = 0.3937 inch  
1 inch = 2.54 centimeters  
1 decimeter = 3.037 inches = 0.328 foot  
1 foot = 3.048 decimeters  
1 meter = 39.37 inches = 1.0936 yards  
1 yard = 0.9144 meter  
1 dekameter = 1.9884 rods  
1 rod = 0.5029 dekameter  
1 kilometer = 0.62137 mile  
1 mile = 1.6093 kilometers

### Square Measure

1 square centimeter = 0.1550 square inch  
1 square inch = 6.452 centimeters  
1 square decimeter = 0.1076 square foot  
1 square foot = 9.2903 square decimeters  
1 square meter = 1.196 square yards  
1 square yard = 0.8361 square meter  
1 arc = 3.954 square rods  
1 square rod = 0.2529 acre  
1 hectare = 2.47 acres  
1 acre = 0.4047 hectare  
1 square kilometer = 0.386 square mile  
1 square mile = 2.59 square kilometers

### Measure of Volume

1 cubic centimeter = 0.061 cubic inch  
1 cubic inch = 16.39 cubic centimeters  
1 cubic decimeter = 0.0353 cubic foot  
1 cubic foot = 28.317 cubic decimeters  
1 cubic meter = 1.308 cubic yards  
1 cubic yard = 0.7646 cubic meter  
1 stero = 0.2759 cord  
1 cord = 3.624 steres  
1 liter = 0.908 qt. dry 1.0567 qts. liquid  
1 quart dry = 1.101 liters  
1 quart liquid = 0.9463 liter  
1 dekaliter = 2.6417 gallons 135 pecks  
1 gallon = 0.3785 dekaliter  
1 peck = 0.881 dekaliter  
1 hectoliter = 2.8375 bushels  
1 bushel = 0.3524 hectoliter

### Weights

1 gram = 0.03527 ounce  
1 ounce = 28.35 grams  
1 kilogram = 2.2046 pounds  
1 pound = 0.4536 kilogram  
1 metric ton = 1.1023 English tons  
1 English ton = 0.9072 metric ton

## APPROXIMATE METRIC EQUIVALENTS

1 decimeter = 4 inches  
1 liter = 1.06 quarts liquid, 0.9 quart dry  
1 meter = 1.1 yards  
1 kilometer = 5/8 of a mile  
1 hectoliter = 2 1/2 bushels  
1 kilogram = 2-1/5 pounds  
1 stero, or cubic meter = 1/4 of a cord  
1 metric ton = 2.200 pounds

## TEMPERATURES

### Fahrenheit

Milk Freezes 30° above Zero  
Water Freezes 32° above Zero  
Olive Oil Freezes 36° above Zero  
Wines Freezes 20° above Zero  
Vinegar Freezes 28° above Zero  
Alcohol Boils at 173° above Zero  
Blood Heat 98.4° above Zero  
Eggs Hatch 104° above Zero  
Water Boils at 212° above Zero  
Petroleum (aver.) Boils at 306° above Zero



# Capitals of The States

| State and Capital       | Ent'd Union   |
|-------------------------|---------------|
| Alabama—Montgomery      | Dec. 14, 1819 |
| Arizona—Phoenix         | Feb. 14, 1912 |
| Arkansas—Little Rock    | June 15, 1836 |
| California—Sacramento   | Sept. 9, 1850 |
| Colorado—Denver         | Aug. 1, 1876  |
| Connecticut—Hartford    | Jan. 9, 1788  |
| Delaware—Dover          | Dec. 7, 1787  |
| D. C.—Washington        | July 16, 1790 |
| Florida—Tallahassee     | Mar. 3, 1845  |
| Georgia—Atlanta         | Jan. 2, 1788  |
| Idaho—Boise             | July 3, 1890  |
| Illinois—Springfield    | Dec. 3, 1818  |
| Indiana—Indianapolis    | Dec. 11, 1816 |
| Iowa—Des Moines         | Dec. 28, 1846 |
| Kansas—Topeka           | Jan. 29, 1861 |
| Kentucky—Frankfort      | June 1, 1792  |
| Louisiana—Baton Rouge   | Apr. 30, 1812 |
| Maine—Augusta           | Mar. 15, 1820 |
| Maryland—Annapolis      | Apr. 28, 1788 |
| Massachusetts—Boston    | Feb. 6, 1788  |
| Michigan—Lansing        | Jan. 26, 1837 |
| Minnesota—St. Paul      | May 11, 1858  |
| Mississippi—Jackson     | Dec. 10, 1817 |
| Missouri—Jefferson City | Aug. 10, 1821 |

| State and Capital        | Ent'd Union   |
|--------------------------|---------------|
| Montana—Helena           | Nov. 8, 1889  |
| Nebraska—Lincoln         | Mar. 1, 1867  |
| Nevada—Carson City       | Oct. 31, 1864 |
| New Hampshire—Concord    | June 21, 1788 |
| New Jersey—Trenton       | Dec. 18, 1787 |
| New Mexico—Sante Fe      | Jan. 6, 1912  |
| New York—Albany          | July 26, 1788 |
| North Carolina—Raleigh   | Nov. 21, 1789 |
| North Dakota—Bismarck    | Nov. 2, 1889  |
| Ohio—Columbus            | Feb. 19, 1803 |
| Oklahoma—Oklahoma City   | Nov. 16, 1907 |
| Oregon—Salem             | Feb. 14, 1859 |
| Pennsylvania—Harrisburg  | Dec. 12, 1787 |
| Rhode Island—Providence  | May 29, 1790  |
| South Carolina—Columbia  | May 23, 1788  |
| South Dakota—Pierre      | Nov. 2, 1889  |
| Tennessee—Nashville      | June 1, 1796  |
| Texas—Austin             | Dec. 29, 1845 |
| Utah—Salt Lake City      | Jan. 4, 1896  |
| Vermont—Montpelier       | Mar. 4, 1791  |
| Virginia—Richmond        | June 26, 1788 |
| Washington—Olympia       | Nov. 11, 1889 |
| West Virginia—Charleston | June 20, 1863 |
| Wisconsin—Madison        | May 29, 1848  |
| Wyoming—Cheyenne         | July 11, 1890 |

## Points of Constitutional Laws

Congress must meet at least once a year.

Congress may admit as many new States as desired.

One State cannot undo the act of another.

By the constitution every citizen is guaranteed a speedy trial by jury.

A power which is vested in Congress alone cannot be exercised by a State.

One State must respect the legal decisions and laws of another.

Congress cannot pass a law to punish for a crime already committed.

A person who commits a felony in one State cannot find refuge in another.

Bills for revenue can originate only in the House of Representatives, but the Senate may propose or concur with amendments.

Treaties with foreign powers are made by the President and ratified by the Senate.

The territories each have a delegate to Congress who is allowed the privilege of debate, but not the right to vote.

The Vice-President, who ex-officio presides over the Senate, has no vote in that body except in case of a tie ballot.

If the President holds a bill longer than ten days while Congress is in session it becomes a law without his signature.

An act of Congress cannot become a law over the President's veto except on a two-thirds vote of both Houses.

The House of Representatives may impeach the President for any crime, but the Senate has the sole power to try all impeachments.

An officer of the United States Government is not permitted to accept any title of nobility, order of honor except with the permission of Congress.

Amendments to the Constitution of the United States require a two-thirds vote of each House of Congress, and must be ratified by at least three-fourths of the States.

The President of the United States must be at least 35 years of age; a Senator, 30; a Congressman, 25. The President must have been a resident within the United States fourteen years.

A naturalized citizen is not eligible to the office of President of the United States. A male child born in a foreign land to American parents has an equal chance to become the President with one born on American soil.

The United States shall guarantee to every State a republican form of government, and shall protect each of them against invasion, and on application of the Legislature or of the Executive (when the Legislature cannot be convened) against domestic trouble.



## Legal Holidays in Various States

- Jan. 1**—New Year's Day: All States, territories and possessions.
- Jan. 8**—Battle of New Orleans: In La.
- Jan. 19**—R. E. Lee's Birthday: In Ala., Ark., Fla., Ga., Ky., La., Miss., N. Car., S. Car., Tenn., Tex., Va.
- Jan. 20**—Inauguration Day: D. C. only. Every 4 yrs.
- Jan. 26**—Gen. Douglas MacArthur Day: In Ark.
- Feb. 12**—Lincoln's Birthday. In Ark., Alaska, Cal., Col., Conn., Del., Ill., Ind., Ia., Kan., Ky., Mich., Minn., Mo., Mont., Neb., Nev., N. J., N. Y., N. Dak., Ohio, Ore., Pa., S. Dak., Tenn., Tex., Utah, Vt., Wash., W. Va., Wis., Wyo. and all territories and possessions. By governor's proclamation in Mass.
- Feb. 12**—Georgia Day: In Ga.
- Feb. 14**—Admission Day: In Ariz.
- Feb. 22**—Washington's Birthday: All States, territories and possessions.
- Mar. 1**—State Day: In Neb.
- Mar. 2**—Texas Independence Day: In Tex.
- Mar. 15**—Andrew Jackson's Birthday: In Tenn.
- Mar. 25**—Maryland Day: In Md.
- Good Friday**—In Ala., Conn., Del., Fla., Ill., Ind., Ia., Md., Minn., N. J., N. Dak., Pa., S. Car., Tenn., T. H., C. Z., P. R. and Virgin Is.
- April (1st Monday)**—Annual Spring Election: In Mich.
- April 12**—Halifax Independence Resolutions: In N. Car.
- April 13**—Thomas Jefferson's Birthday: In Ala., Mo., Okla., Va.
- April 19**—Patriots' Day: In Me., Mass.
- April 21**—Anniversary of Battle of San Jacinto: In Tex.
- April (3rd Tuesday)**—State Elections: In La.
- April 26**—Confederate Memorial Day: In Ala., Fla., Ga., Miss. Also World War Memorial Day in Ga.
- May 4**—Rhode Island Independence Day: In that State only.
- May 10**—Confederate Memorial Day: In N. and S. Car.
- May 20**—Anniversary of signing of Mecklenburg Declaration of Independence: In N. Car.
- May (2nd Friday)**—Confederate Day: In Tenn.
- May 30**—Confederate Memorial Day: In Va.
- May 30**—Decoration or Memorial Day: In all the States except Ala., Ark., Fla., Ga., La., Miss., N. & S. Car., Tex.
- June 3**—Birthday of Jefferson Davis: In Ala., Ark., Fla., Ga., La., Miss., S. Car., Tenn., Tex., Va. (Also Confederate Memorial Day in Tenn.).
- June 14**—Flag Day: In Mo., Pa.
- June 15**—Pioneer Day: In Idaho.
- June 20**—West Virginia Day: In W. Va.
- June (last Wednesday)**—Primary Election Day: In N. Dak.
- July 4**—Independence Day: In all the States, territories and possessions.
- July 10**—Admission Day: In Wyo.
- July 13**—Birthday of Gen. Bedford Forrest: In Tenn.
- July 24**—Pioneers Day: In Utah.
- July (4th Saturday)**—Primary Election Day: In Tex.
- Aug. 1**—Colorado Day: In Col.
- Aug. 16**—Anniversary of Battle of Bennington: In Vt.
- Aug. 19**—National Aviation Day.
- Aug. (last Tuesday, preceding every general election)**—Primary Election Day: In Mich.
- Sept. (1st Monday)**—Labor Day: In all the States and territories.
- Sept. (1st Tuesday)**—Primary Election Day: In Nev. and Wis.
- Sept. 9**—Admission Day: In Cal.
- Sept. 12**—Defenders Day: In Md.
- Oct. 7**—Missouri Day: In Mo. (Banks not affected).
- Oct. 12**—Columbus Day: In Ala., Ariz., Ark., Cal., Col., Conn., Del., Fla., Idaho, Ill., Ind., Kan., Ky., La., Md., Mass., Mich., Minn., Mo., Mont., Neb., Nev., N. H., N. M., N. J., N. Y., N. Dak., Ohio, Okla., Ore., Pa., R. I., Tex., Utah, Vt., Wash., W. Va., also Fraternal Day in Ala. Discovery Day in N. Dak. and Landing Day in Wis.
- Oct. 31**—Admission Day: In Nev.
- Nov. 1**—All Saints' Day: In La.
- Nov. (1st Tuesday after 1st Monday)**—General Election Day: Every State and territory except Alaska, Conn., D. C., T. H., Ill., Mass., Me., Miss., Ohio and Vt. In Illinois it is a legal holiday in Chicago, Springfield, East St. Louis, Galesburg, Danville, Cairo and Rockford. In Ohio it is a half holiday. In Maine it is a legal holiday only as to the courts, which also close on the State Election Day (biennially in even years, 2nd Monday in Sept.).
- Nov. 11**—Armistice Day: In all the States, D. C., Alaska, C. Z. (not by banks), T. H., P. R., Virgin Is. (Called "Victory Day" in Colo., Tenn., Tex., T. H.).
- Nov. (4th Thursday)**—Thanksgiving Day: Every State, territory and possession.
- Dec. 25**—Christmas Day: In all States, D. C., T. H., P. R. and Alaska.
- Arbor Day** is a legal holiday in many States, although in some it is observed as designated by the Governor.
- Every Saturday after 12 o'clock noon.**
- There is no national holiday, not even Independence Day.



# 1950 CENSUS — Cities of 15,000 and over

*Final count as reported by Bureau of the Census*

## A

|                      |         |
|----------------------|---------|
| Aberdeen, S. D.      | 21,051  |
| Aberdeen, Wash.      | 19,653  |
| Abilene, Tex.        | 45,570  |
| Ada, Okla.           | 15,995  |
| Adrian, Mich.        | 18,393  |
| Akron, Ohio          | 274,605 |
| Alameda, Calif.      | 64,430  |
| Albany, Calif.       | 17,590  |
| Albany, Ga.          | 31,155  |
| Albany, N. Y.        | 134,995 |
| Albuquerque, N. M.   | 96,815  |
| Alexandria, La.      | 34,913  |
| Alexandria, Va.      | 61,787  |
| Alhambra, Calif.     | 51,359  |
| Alice, Tex.          | 16,449  |
| Aliquippa, Pa.       | 26,132  |
| Alisal, Calif.       | 16,714  |
| Allentown, Pa.       | 106,756 |
| Alliance, Ohio       | 26,161  |
| Alton, Ill.          | 32,550  |
| Altoona, Pa.         | 77,177  |
| Amarillo, Tex.       | 74,246  |
| Ambridge, Pa.        | 16,429  |
| Ames, Ia.            | 22,898  |
| Amsterdam, N. Y.     | 32,240  |
| Anderson, Ind.       | 46,820  |
| Anderson, S. C.      | 19,770  |
| Ann Arbor, Mich.     | 48,251  |
| Annapolis, Md.       | 110,047 |
| Anniston, Ala.       | 31,066  |
| Ansonia, Conn.       | 18,706  |
| Appleton, Wis.       | 34,010  |
| Arcadia, Calif.      | 23,066  |
| Ardmore, Okla.       | 17,890  |
| Arlington, Mass.     | 44,353  |
| Arlington, Va.       | 135,449 |
| Asbury Park, N. J.   | 17,094  |
| Asheville, N. C.     | 53,000  |
| Ashland, Ky.         | 31,131  |
| Ashtabula, Ohio      | 23,696  |
| Athens, Ga.          | 28,180  |
| Atlanta, Ga.         | 331,314 |
| Atlantic City, N. J. | 61,657  |
| Attleboro, Mass.     | 23,809  |
| Auburn, Me.          | 23,134  |
| Auburn, N. Y.        | 36,722  |
| Augusta, Ga.         | 71,508  |
| Augusta, Me.         | 20,913  |
| Aurora, Ill.         | 50,576  |
| Austin, Minn.        | 23,100  |
| Austin, Tex.         | 132,459 |

## B

|                     |         |
|---------------------|---------|
| Bakersfield, Calif. | 34,784  |
| Baltimore, Md.      | 949,708 |
| Bangor, Me.         | 31,558  |
| Barberton, Ohio     | 27,820  |
| Bartlesville, Okla. | 19,228  |
| Batavia, N. Y.      | 17,799  |
| Baton Rouge, La.    | 125,629 |
| Battle Creek, Mich. | 48,666  |
| Bay City, Mich.     | 52,523  |
| Bayonne, N. J.      | 77,203  |
| Baytown, Tex.       | 22,983  |
| Beaumont, Tex.      | 94,014  |
| Beaver Falls, Pa.   | 17,375  |
| Beckley, W. Va.     | 19,397  |
| Bell, Calif.        | 15,430  |
| Belleville, Ill.    | 32,721  |
| Belleville, N. J.   | 32,019  |
| Bell'gham, Wash.    | 34,112  |

|                    |         |
|--------------------|---------|
| Belmont, Mass.     | 27,381  |
| Beloit, Wis.       | 29,590  |
| Ben. Harbor, Mich. | 18,769  |
| Bergenfield, N. J. | 17,647  |
| Berkeley, Calif.   | 113,805 |
| Berkley, Mich.     | 17,931  |
| Berlin, N. H.      | 16,615  |
| Berwin, Ill.       | 51,280  |
| Bessemer, Ala.     | 28,445  |
| Bethlehem, Pa.     | 66,340  |
| Beverly, Mass.     | 28,884  |
| Bev. Hills, Calif. | 29,032  |
| Biddeford, Me.     | 20,836  |
| Big Spring, Tex.   | 17,286  |
| Billings, Mont.    | 31,834  |
| Biloxi, Miss.      | 37,425  |
| Binghamton, N. Y.  | 80,674  |
| Birmingham, Ala.   | 326,037 |
| Birmingham, Mich.  | 15,467  |
| Bismarck, N. D.    | 18,640  |
| Bloomfield, N. J.  | 49,307  |
| Bloomington, Ill.  | 34,163  |
| Bloomington, Ind.  | 28,163  |
| Bluefield, W. Va.  | 21,506  |
| Blue Island, Ill.  | 17,622  |
| Blytheville, Ark.  | 16,234  |
| Bogalusa, La.      | 17,798  |
| Boise City, Idaho  | 34,393  |
| Borger, Texas      | 18,059  |
| Bossier City, La.  | 15,470  |
| Boston, Mass.      | 801,444 |
| Boulder, Colo.     | 19,999  |
| Bowling Green, Ky. | 18,347  |
| Braddock, Pa.      | 16,488  |
| Bradford, Pa.      | 17,354  |
| Braintree, Mass.   | 23,161  |
| Bremerton, Wash.   | 27,678  |
| Bridgeport, Conn.  | 158,709 |
| Bridgeton, N. J.   | 18,378  |
| Bristol, Conn.     | 35,961  |
| Bristol, Tenn.     | 16,771  |
| Bristol, Va.       | 15,954  |
| Brockton, Mass.    | 62,860  |
| Brookfield, Ill.   | 15,472  |
| Brookline, Mass.   | 57,589  |
| Brownsville, Fla.  | 20,269  |
| Brownsville, Tex.  | 36,066  |
| Brownwood, Tex.    | 20,181  |
| Brunswick, Ga.     | 17,954  |
| Bryan, Tex.        | 18,102  |
| Buffalo, N. Y.     | 580,132 |
| Burbank, Calif.    | 78,577  |
| Burlingame, Calif. | 19,886  |
| Burlington, Ia.    | 30,613  |
| Butlington, N. C.  | 24,560  |
| Burlington, Vt.    | 33,155  |
| Butler, Pa.        | 23,482  |
| Butte, Mont.       | 33,251  |

## C

|                      |         |
|----------------------|---------|
| Calumet, Ill.        | 15,709  |
| Cambridge, Mass.     | 120,740 |
| Camden, N. J.        | 124,555 |
| Canton, Ohio         | 116,912 |
| Cape Girardeau, Mo.  | 21,578  |
| Carbondale, Pa.      | 16,296  |
| Carlisle, Pa.        | 16,812  |
| Carlsbad, N. Mex.    | 17,975  |
| Casper, Wyo.         | 23,673  |
| Cedar Rapids, Ia.    | 72,296  |
| Central Falls, R. I. | 23,550  |
| Chambersburg, Pa.    | 17,212  |
| Champaign, Ill.      | 39,563  |

|                      |           |
|----------------------|-----------|
| Charleston, S. C.    | 70,174    |
| Charleston, W. Va.   | 73,501    |
| Charlotte, N. C.     | 134,042   |
| Charlottesville, Va. | 25,969    |
| Chattanooga, Tenn.   | 131,041   |
| Chelsea, Mass.       | 38,912    |
| Chester, Pa.         | 66,039    |
| Cheyenne, Wyo.       | 31,935    |
| Chicago, Ill.        | 3,620,962 |
| Chicago Hts., Ill.   | 24,551    |
| Chickasha, Okla.     | 15,842    |
| Chicopee, Mass.      | 49,211    |
| Chillicothe, Ohio    | 20,133    |
| Chula Vista, Calif.  | 15,927    |
| Cicero, Ill.         | 67,544    |
| Cincinnati, Ohio     | 503,998   |
| Clairton, Pa.        | 19,652    |
| Clarksburg, W. Va.   | 32,014    |
| Clarksdale, Miss.    | 16,539    |
| Clarksville, Tenn.   | 16,246    |
| Clayton, Mo.         | 16,035    |
| Clearwater, Fla.     | 15,581    |
| Cleveland, Ohio      | 914,808   |
| Cleve. Hts., Ohio    | 59,141    |
| Cliffside Pk., N. J. | 17,116    |
| Clifton, N. J.       | 64,511    |
| Clinton, Iowa        | 30,379    |
| Clovis, N. Mex.      | 17,318    |
| Coffeyville, Kan.    | 17,113    |
| Cohoes, N. Y.        | 21,272    |
| Collingswood, N. J.  | 15,800    |
| Colo. Spgs., Colo.   | 45,472    |
| Columbia, Mo.        | 31,974    |
| Columbia, S. C.      | 86,914    |
| Columbus, Ga.        | 79,611    |
| Columbus, Ind.       | 18,370    |
| Columbus, Miss.      | 17,172    |
| Columbus, Ohio       | 375,901   |
| Compton, Calif.      | 47,991    |
| Concord, N. C.       | 16,486    |
| Concord, N. H.       | 27,988    |
| Cornersville, Ind.   | 15,550    |
| Coral Gables, Fla.   | 19,837    |
| Corning, N. Y.       | 17,684    |
| Cor. Christi, Tex.   | 108,287   |
| Corsicana, Tex.      | 19,211    |
| Cortland, N. Y.      | 18,152    |
| Carvallis, Ore.      | 16,297    |
| Coun. Bluffs, Ia.    | 41,429    |
| Covington, Ky.       | 64,452    |
| Cranston, R. I.      | 55,060    |
| Culver, Calif.       | 19,720    |
| Cumberland, Md.      | 37,679    |
| Cuyahoga Falls, O.   | 29,195    |

## D

|                   |         |
|-------------------|---------|
| Dallas, Tex.      | 434,462 |
| Dalton, Ga.       | 15,968  |
| Daly City, Calif. | 15,191  |
| Danbury, Conn.    | 22,067  |
| Danvers, Mass.    | 15,720  |
| Danville, Ill.    | 37,864  |
| Danville, Va.     | 35,066  |
| Davenport, Ia.    | 74,549  |
| Dayton, Ohio      | 243,872 |
| Day. Beach, Fla.  | 30,187  |
| Dearborn, Mich.   | 94,994  |
| Decatur, Ala.     | 19,974  |
| Decatur, Ill.     | 66,269  |
| Decatur, Ga.      | 21,635  |
| Dedham, Mass.     | 18,437  |
| Denison, Tex.     | 17,504  |
| Denton, Tex.      | 21,372  |



# 1950 CENSUS — Continued

Denver, Colo. 415,786  
Des Moines, Ia. 177,965  
Detroit, Mich. 1,849,568  
Dothan, Ala. 21,534  
Dover, N. H. 15,874  
Dubuque, Ia. 49,671  
Duluth, Minn. 104,511  
Duncan, Okla. 15,325  
Dunkirk, N. Y. 18,007  
Dunmore, Pa. 20,305  
Duquesne, Pa. 17,620  
Durham, N. C. 71,311

## E

E. Bakersfield, Cal. 38,177  
East Chicago, Ind. 54,263  
E. Cleveland, Ohio 40,047  
E. Detroit, Mich. 21,461  
E. Hartford, Conn. 29,933  
E. Lansing, Mich. 20,325  
E. Liverpool, Ohio 24,217  
Easton, Pa. 35,632  
E. Orange, N. J. 79,340  
E. Paterson, N. J. 15,386  
East Point, Ga. 21,080  
E. Provid., R. I. 35,871  
E. St. Louis, Ill. 82,295  
Eau Claire, Wis. 36,058  
Ecorse, Mich. 17,948  
El Cerrito, Calif. 18,011  
El Dorado, Ark. 23,076  
Elgin, Ill. 44,223  
Elizabeth, N. J. 112,817  
Elkhart, Ind. 35,646  
Elmhurst, Ill. 21,273  
Elmira, N. Y. 49,716  
Elmwood Park, Ill. 18,801  
El Paso, Tex. 130,485  
Elyria, Ohio 30,307  
Emporia, Kan. 15,669  
Endicott, N. Y. 20,050  
Enfield, Conn. 15,464  
Englewood, Colo. 16,869  
Englewood, N. J. 23,145  
Enid, Okla. 36,017  
Erie, Pa. 130,803  
Escanaba, Mich. 15,170  
Euclid, Ohio 41,396  
Eugene, Ore. 35,879  
Eureka, Cal. 23,053  
Evanston, Ill. 73,641  
Evansville, Ind. 128,636  
Everett, Mass. 45,982  
Everett, Wash. 33,849

## F

Fairfield, Conn. 30,489  
Fair Lawn, N. J. 23,885  
Fairmont, W. Va. 29,346  
Fall River, Mass. 111,963  
Fargo, N. D. 38,256  
Faribault, Minn. 16,028  
Fayetteville, Ark. 17,071  
Fayetteville, N. C. 34,715  
Ferndale, Mich. 29,675  
Findlay, Ohio 23,845  
Fitchburg, Mass. 42,691  
Flint, Mich. 163,143  
Florence, Ala. 23,879  
Florence, S. C. 22,513  
Fd. du Lac, Wis. 29,936  
Ft. Dodge, Ia. 25,115  
Ft. Laud'le, Fla. 36,328

Fort Smith, Ark. 47,942  
Ft. Wayne, Ind. 133,607  
Ft. Worth, Tex. 278,778  
Frammingham, Mass. 28,086  
Frankfort, Ind. 15,028  
Frederick, Md. 18,142  
Freeport, Ill. 22,467  
Freeport, N. Y. 24,680  
Fremont, Ohio 16,537  
Fresno, Calif. 91,669

## G

Gadsden, Ala. 55,725  
Gainesville, Fla. 26,861  
Galesburg, Ill. 31,425  
Galveston, Tex. 66,568  
Gardner, Mass. 19,581  
Garfield, N. J. 27,550  
Garfield Hts., Ohio 21,662  
Gary, Ind. 133,911  
Gastonia, N. C. 23,069  
Geneva, N. Y. 17,144  
Glen Cove, N. Y. 15,130  
Glendale, Calif. 95,702  
Glens Falls, N. Y. 19,610  
Gloucester, Mass. 25,167  
Gloversville, N. Y. 23,634  
Goldsboro, N. C. 21,454  
Gd. Forks, N. D. 26,836  
Gd. Island, Neb. 22,682  
Gd. Rapids, Mich. 176,515  
Granite City, Ill. 29,465  
Great Falls, Mont. 39,214  
Greeley, Colo. 20,354  
Green Bay, Wis. 52,735  
Greenfield, Mass. 15,075  
Greensboro, N. C. 74,389  
Greensburg, Pa. 16,923  
Greensville, Miss. 29,938  
Greenville, N. C. 16,724  
Greenville, S. C. 58,161  
Greenwich, Conn. 40,835  
Greenwood, Miss. 18,061  
Gulfport, Miss. 22,659

## H

Hackensack, N. J. 29,219  
Hagerstown, Md. 36,260  
Hamden, Conn. 29,715  
Hamilton, Ohio 57,951  
Hammond, Ind. 87,594  
Hamtramck, Mich. 43,355  
Hannibal, Mo. 20,444  
Harlingen, Tex. 23,229  
Harrisburg, Pa. 89,544  
Hartford, Conn. 177,397  
Harvey, Ill. 20,633  
Hastings, Neb. 20,211  
Hattiesburg, Miss. 29,474  
Haverhill, Mass. 47,280  
Hawthorne, Calif. 16,316  
Hazel Park, Mich. 17,770  
Hazelton, Pa. 35,491  
Helena, Mont. 17,581  
Hempstead, N. Y. 29,135  
Henderson, Ky. 16,837  
Hialeah, Fla. 19,676  
Hibbing, Minn. 16,276  
Highland Park, Ill. 16,808  
Highl'd Pk., Mich. 46,393  
High Point, N. C. 39,973  
Hillside, N. J. 21,007

Hoboken, N. J. 50,676  
Holland, Mich. 15,858  
Holyoke, Mass. 54,661  
Hornell, N. Y. 15,049  
Hot Springs, Ark. 29,307  
Houston, Tex. 596,163  
Huntington, Ind. 15,079  
Huntingt'n, W. Va. 86,353  
Huntingt'n Pk., Cal. 29,450  
Huntsville, Ala. 16,437  
Hutchinson, Kan. 33,575

## I

Idaho Falls, Idaho 19,218  
Independence, Mo. 36,963  
Indianapolis, Ind. 427,173  
Inglewood, Calif. 46,185  
Inkster, Mich. 16,728  
Iowa City, Ia. 27,212  
Ironton, Ohio 16,333  
Irvington, N. J. 59,201  
Ithaca, N. Y. 29,257

## J

Jackson, Mich. 51,088  
Jackson, Miss. 98,271  
Jackson, Tenn. 30,207  
Jacksonville, Fla. 204,517  
Jacksonville, Ill. 20,387  
Jamestown, N. Y. 43,354  
Janesville, Wis. 24,899  
Jeanette, Pa. 16,172  
Jefferson City, Mo. 25,099  
Jennings, Mo. 15,282  
Jersey City, N. J. 299,017  
John. City, N. Y. 19,249  
John. City, Tenn. 27,864  
Johnstown, Pa. 63,232  
Joliet, Ill. 51,601  
Jonesboro, Ark. 16,310  
Joplin, Mo. 38,711

## K

Kalamazoo, Mich. 57,704  
Kankakee, Ill. 25,856  
Kannapolis, N. C. 28,448  
Kan. City, Kan. 129,553  
Kan. City, Mo. 456,622  
Kearny, N. J. 39,952  
Keene, N. H. 15,638  
Kenmore, N. Y. 20,066  
Kenosha, Wis. 54,368  
Keokuk, Ia. 16,144  
Kewanee, Ill. 16,821  
Key West, Fla. 26,433  
Kingsport, Tenn. 19,571  
Kingston, N. Y. 28,817  
Kingston, Pa. 21,096  
Kingsville, Tex. 16,898  
Kinston, N. C. 18,336  
Kirkwood, Mo. 18,640  
Kl'ath Falls, Ore. 15,875  
Knoxville, Tenn. 124,769  
Kokomo, Ind. 38,672

## L

Lackawanna, N. Y. 27,658  
La Crosse, Wis. 47,535



# 1950 CENSUS — Continued

Lafayette, Ind. 35,568  
Lafayette, La. 33,541  
La Grange, Ga. 25,025  
Lake Charles, La. 41,272  
Lakeland, Fla. 30,851  
Lakewood, Ohio 68,071  
Lancaster, Ohio 24,180  
Lancaster, Pa. 63,774  
Lansing, Mich. 92,129  
La Porte, Ind. 17,882  
Laramie, Wyo. 15,581  
Laredo, Tex. 51,910  
Las Vegas, Nev. 24,624  
Laurel, Miss. 25,038  
Lawrence, Kan. 23,351  
Lawrence, Mass. 80,536  
Lawton, Okla. 34,757  
Leavenworth, Kan. 20,579  
Lebanon, Pa. 23,156  
Leominster, Mass. 24,075  
Lewiston, Me. 40,974  
Lexington, Ky. 55,534  
Lexington, Mass. 17,335  
Lima, Ohio 50,246  
Lincoln, Neb. 98,884  
Lincoln Pk., Mich. 29,310  
Linden, N. J. 30,644  
Little Rock, Ark. 102,213  
Livonia, Mich. 17,534  
Lockport, N. Y. 25,133  
Lodi, N. J. 15,392  
Logan, Utah 16,832  
Logansport, Ind. 21,031  
Long Beach, Cal. 250,767  
Long Beach, N. Y. 15,586  
Long Branch, N. J. 23,090  
Longview, Tex. 24,502  
Longview, Wash. 20,339  
Lorain, Ohio 51,202  
Los Angeles, Cal. 1,970,358  
Louisville, Ky. 369,129  
Lowell, Mass. 97,249  
Lubbock, Tex. 71,747  
Lufkin, Tex. 15,135  
Lynbrook, N. Y. 17,314  
Lynchburg, Va. 47,727  
Lyndhurst, N. J. 19,980  
Lynn, Mass. 99,738  
Lynwood, Calif. 25,823

## M

Macon, Ga. 70,252  
Madison, Wis. 96,056  
Malden, Mass. 59,804  
Mamaroneck, N. Y. 15,016  
Manchester, Conn. 34,116  
Manchester, N. H. 82,732  
M'n'htn Beh., Cal. 17,330  
Manhattan, Kan. 19,056  
Manitowoc, Wis. 27,598  
Mankato, Minn. 18,809  
Mansfield, Ohio 43,564  
Maple Heights, O. 15,586  
Maplewood, N. J. 25,201  
Marietta, Ga. 20,687  
Marietta, Ohio 16,006  
Marion, Ind. 30,081  
Marion, Ohio 33,817  
Marlborough, Mass. 15,756  
Marquette, Mich. 17,202  
Marshall, Tex. 22,327  
Marshalltown, Ia. 19,821  
Martinsb'g, W. Va. 15,621  
Martinsville, Va. 17,251  
Mason City, Ia. 27,980  
Massillon, Ohio 29,594

Mattoon, Ill. 17,547  
Maywood, Ill. 27,473  
McAlester, Okla. 17,878  
McAllen, Tex. 20,067  
McKeesport, Pa. 51,502  
McKees Rocks, Pa. 16,241  
Meadville, Pa. 18,972  
Medford, Mass. 66,113  
Medford, Ore. 17,305  
Melrose, Mass. 26,988  
Memphis, Tenn. 396,000  
Merced, Calif. 15,278  
Meriden, Conn. 44,088  
Meridian, Miss. 41,893  
Mesa, Ariz. 16,790  
Methuen, Mass. 24,477  
Miami, Fla. 249,276  
Miami Beh., Fla. 46,282  
Mich. City, Ind. 28,395  
Middletown, Conn. 29,711  
Middletown, N. Y. 22,586  
Middletown, Ohio 33,695  
Midland, Tex. 21,713  
Milford, Conn. 26,870  
Millville, N. J. 16,041  
Milton, Mass. 22,395  
Milwaukee, Wis. 637,392  
Min'polis, Minn. 521,718  
Minot, N. D. 22,032  
Mishawaka, Ind. 32,913  
Missoula, Mont. 22,485  
Mobile, Ala. 129,009  
Modesto, Cal. 17,389  
Moline, Ill. 37,397  
Monessen, Pa. 17,896  
Monroe, La. 38,572  
Monroe, Mich. 21,467  
Monrovia, Cal. 20,186  
Montclair, N. J. 43,927  
Montebello, Cal. 21,735  
Monterey, Cal. 16,205  
Monterey Pk., Cal. 20,395  
Montgomery, Ala. 106,525  
Morg't'n, W. Va. 25,525  
Morristown, N. J. 17,124  
Mt. Clemens, Mich. 17,027  
Mt. Vernon, Ill. 15,600  
Mt. Vernon, N. Y. 71,899  
Muncie, Ind. 58,479  
Munhall, Pa. 16,437  
Muscatine, Ia. 19,041  
Muskegon, Mich. 48,429  
M'k'n Hts., Mich. 18,828  
Muskogee, Okla. 37,289

## N

Nampa, Idaho 16,185  
Nanticoke, Pa. 20,160  
Nashua, N. H. 34,669  
Nashville, Tenn. 174,307  
Natchez, Miss. 22,740  
Natick, Mass. 19,838  
National City, Cal. 21,199  
Naugatuck, Conn. 17,455  
Needham, Mass. 16,313  
New Albany, Ind. 29,346  
Newark, N. J. 438,776  
Newark, Ohio 34,275  
N. Bedford, Mass. 109,189  
N. Bern, N. C. 15,812  
N. Britain, Conn. 73,726  
N. Brunswick, N. J. 38,811  
Newburgh, N. Y. 31,956  
New Castle, Ind. 18,271  
New Castle, Pa. 48,834  
N. Haven, Conn. 164,443

New Iberia, La. 16,467  
N. Kensington, Pa. 25,146  
N. London, Conn. 30,551  
New Orleans, La. 570,445  
Newport, Ky. 31,044  
Newport, R. I. 37,564  
Newport News, Va. 42,358  
N. Rochelle, N. Y. 59,725  
Newton, Mass. 81,994  
New York, N. Y. 7,891,957  
Niag. Falls, N. Y. 90,872  
Niles, Ohio 16,773  
Norfolk, Va. 213,513  
Norman, Okla. 27,006  
Norristown, Pa. 38,126  
No. Adams, Mass. 21,567  
N. Arlington, N. J. 15,970  
North'pton, Mass. 29,063  
No. Bergen, N. J. 41,560  
N. Lit. Rock, Ark. 44,097  
No. Platte, Nebr. 15,433  
No. To'w'da, N. Y. 24,731  
Norwalk, Conn. 49,480  
Norwich, Conn. 23,429  
Norwood, Mass. 16,636  
Norwood, Ohio 35,001  
Nutley, N. J. 26,992

## O

Oakland, Cal. 384,375  
Oak Park, Ill. 63,529  
Oak Ridge, Tenn. 30,229  
Odessa, Tex. 29,495  
Ogden, Utah 57,112  
Ogdensburg, N. Y. 16,166  
Oli City, Pa. 19,581  
Oildale, Calif. 16,615  
Okla. City, Okla. 243,504  
Oklmulgee, Okla. 18,317  
Olean, N. Y. 22,884  
Olympia, Wash. 15,819  
Omaha, Neb. 251,117  
Ontario, Calif. 22,872  
Orange, N. J. 38,037  
Orange, Tex. 21,174  
Orangeburg, S. C. 15,322  
Orlando, Fla. 52,367  
Oshkosh, Wis. 41,084  
Ossining, N. Y. 16,098  
Oswego, N. Y. 22,647  
Ottawa, Ill. 16,957  
Ottumwa, Ia. 33,631  
Owosso, Mich. 15,948  
Owensboro, Ky. 33,651  
Oxnard, Cal. 21,567

## P

Paducah, Ky. 32,828  
Palo Alto, Cal. 25,475  
Pampa, Tex. 16,583  
Panama City, Fla. 25,814  
Paris, Tex. 21,643  
Park'sb'g, W. Va. 29,684  
Parma, Ohio 28,897  
Park Ridge, Ill. 16,602  
Pasadena, Cal. 104,577  
Pasadena, Tex. 22,483  
Passaic, N. J. 57,702  
Paterson, N. J. 139,336  
Pawtucket, R. I. 81,436  
Peabody, Mass. 22,645  
Peekskill, N. Y. 17,731



# 1950 CENSUS — Continued

|                     |           |
|---------------------|-----------|
| Pekin, Ill.         | 21,858    |
| Pennsauken, N. J.   | 22,769    |
| Pensacola, Fla.     | 43,479    |
| Peoria, Ill.        | 111,856   |
| Perth Amboy, N. J.  | 41,330    |
| Petersburg, Va.     | 35,054    |
| Phenix City, Ala.   | 23,305    |
| Phila., Pa.         | 2,071,605 |
| Phillipsburg, N. J. | 18,919    |
| Phoenix, Ariz.      | 108,818   |
| Pine Bluff, Ark.    | 37,162    |
| Piqua, Ohio         | 17,447    |
| Pittsburg, Kan.     | 19,341    |
| Pittsburgh, Pa.     | 676,806   |
| Pittsfield, Mass.   | 53,348    |
| Pittston, Pa.       | 15,012    |
| Plainfield, N. J.   | 42,366    |
| Plattsburgh, N. Y.  | 17,738    |
| Pocatello, Idaho    | 26,131    |
| Pomona, Cal.        | 35,405    |
| Ponca City, Okla.   | 20,180    |
| Pontiac, Mich.      | 73,681    |
| Poplar Bluff, Mo.   | 15,064    |
| Pt. Arthur, Tex.    | 57,530    |
| Pt. Chester, N. Y.  | 23,970    |
| Pt. Huron, Mich.    | 35,725    |
| Portland, Me.       | 77,634    |
| Portland, Ore.      | 373,628   |
| Portsmouth, N. H.   | 18,830    |
| Portsmouth, Ohio    | 36,798    |
| Portsmouth, Va.     | 80,039    |
| Pottstown, Pa.      | 22,589    |
| Pottsville, Pa.     | 23,640    |
| P'ghkeepsie, N. Y.  | 41,023    |
| Prichard, Ala.      | 19,014    |
| Providence, R. I.   | 248,674   |
| Provo, Utah         | 28,937    |
| Pueblo, Colo.       | 63,685    |

## Q

|               |        |
|---------------|--------|
| Quincy, Ill.  | 40,450 |
| Quincy, Mass. | 83,835 |

## R

|                     |         |
|---------------------|---------|
| Racine, Wis.        | 71,193  |
| Rahway, N. J.       | 21,290  |
| Raleigh, N. C.      | 65,679  |
| Rapid City, S. D.   | 25,310  |
| Reading, Pa.        | 109,320 |
| Redlands, Cal.      | 18,429  |
| Redondo B'ch., Cal. | 25,226  |
| Redwood City, Cal.  | 25,544  |
| Reno, Nev.          | 32,497  |
| Renton, Wash.       | 16,039  |
| Revere, Mass.       | 36,763  |
| Richfield, Minn.    | 17,502  |
| Richland, Wash.     | 21,809  |
| Richmond, Cal.      | 99,545  |
| Richmond, Ind.      | 39,539  |
| Richmond, Va.       | 230,310 |
| Richm'd Hts., Mo.   | 15,045  |
| Ridgewood, N. J.    | 17,481  |
| Riv. Rouge, Mich.   | 20,549  |
| Riverside, Cal.     | 46,764  |
| Roanoke, Va.        | 91,921  |
| Rochester, Minn.    | 29,885  |
| Rochester, N. Y.    | 332,488 |
| Rockford, Ill.      | 92,927  |
| Rock Hill, S. C.    | 24,502  |
| Rock Island, Ill.   | 48,710  |
| Rock Centre, N. Y.  | 22,362  |

|                   |        |
|-------------------|--------|
| Rocky Mt., N. C.  | 27,897 |
| Rome, Ga.         | 29,615 |
| Rome, N. Y.       | 41,682 |
| Roselle, N. J.    | 17,681 |
| Roseville, Mich.  | 15,816 |
| Roswell, N. Mex.  | 25,738 |
| Royal Oak, Mich.  | 46,898 |
| Rutherford, N. J. | 17,411 |
| Rutland, Vt.      | 17,659 |

## S

|                        |         |
|------------------------|---------|
| Sacramento, Cal.       | 137,572 |
| Saginaw, Mich.         | 92,918  |
| St. Clair, Sh. Mich.   | 19,823  |
| St. Cloud, Minn.       | 28,410  |
| St. Joseph, Mo.        | 78,588  |
| St. Louis, Mo.         | 856,796 |
| St. L. Pk., Minn.      | 22,644  |
| St. Paul, Minn.        | 311,349 |
| St. Petersb'g, Fla.    | 96,738  |
| Salem, Mass.           | 41,880  |
| Salem, Ore.            | 43,140  |
| Salina, Kan.           | 26,176  |
| Salisbury, Md.         | 15,141  |
| Salisbury, N. C.       | 20,102  |
| Salt Lake C., Utah     | 182,121 |
| San Angelo, Tex.       | 52,093  |
| San Antonio, Tex.      | 408,442 |
| San Bern, Cal.         | 63,058  |
| San Buenaventura, Cal. | 16,534  |
| San Diego, Cal.        | 334,387 |
| Sandusky, Ohio         | 29,375  |
| San Fran., Cal.        | 775,357 |
| San Gabriel, Cal.      | 20,343  |
| San Jose, Cal.         | 95,280  |
| San Leandro, Cal.      | 27,542  |
| San Mateo, Cal.        | 41,782  |
| Santa Ana, Cal.        | 45,533  |
| Santa Bar., Cal.       | 44,913  |
| Santa Cruz, Cal.       | 21,970  |
| Santa Fe, N. M.        | 27,998  |
| Santa Monica, Cal.     | 71,595  |
| Santa Rosa, Cal.       | 17,902  |
| Sar. Springs, N. Y.    | 15,473  |
| Sarasota, Fla.         | 18,896  |
| Saugus, Mass.          | 17,162  |
| S. Ste. Mar., Mich.    | 17,912  |
| Savannah, Ga.          | 119,638 |
| Schenectady, N. Y.     | 91,785  |
| Scranton, Pa.          | 125,536 |
| Seattle, Wash.         | 467,591 |
| Sedalla, Mo.           | 20,354  |
| Selma, Ala.            | 22,840  |
| Shaker Hts., Ohio      | 28,222  |
| Shamokin, Pa.          | 16,879  |
| Sharon, Pa.            | 26,454  |
| Shawnee, Okla.         | 22,948  |
| Sheboygan, Wis.        | 42,365  |
| Shelby, N. C.          | 15,508  |
| Shenandoah, Pa.        | 15,704  |
| Sherman, Tex.          | 20,150  |
| Shorewood, Wis.        | 16,199  |
| Shreveport, La.        | 127,206 |
| Sioux City, Ia.        | 83,991  |
| Sioux Falls, S. D.     | 52,696  |
| Somerv'le, Mass.       | 102,351 |
| So. Ch'ston, W. Va.    | 16,686  |
| So. Bend, Ind.         | 115,911 |
| Southbridge, Mass.     | 17,519  |
| So. Euclid, Ohio       | 15,432  |
| South Gate, Cal.       | 51,116  |
| So. Orange, N. J.      | 15,230  |
| So. Pasadena, Cal.     | 16,935  |
| So. Portland, Me.      | 21,866  |
| S. St. Paul, Minn.     | 15,909  |

|                     |         |
|---------------------|---------|
| So. San Fran., Cal. | 19,351  |
| Spartansburg, S.C.  | 36,795  |
| Spokane, Wash.      | 161,721 |
| Springfield, Ill.   | 81,628  |
| Springfield, Mass.  | 162,399 |
| Springfield, Mo.    | 66,731  |
| Springfield, Ohio   | 78,508  |
| Stamford, Conn.     | 74,293  |
| State College, Pa.  | 17,227  |
| Statesville, N. C.  | 16,901  |
| Staunton, Va.       | 19,927  |
| Steubenville, Ohio  | 35,872  |
| Stevens Pt., Wis.   | 16,564  |
| Stillwater, Okla.   | 20,238  |
| Stockton, Cal.      | 70,853  |
| Stratford, Conn.    | 33,428  |
| Streator, Ill.      | 16,469  |
| Summit, N. J.       | 17,929  |
| Sumter, S. C.       | 20,185  |
| Sunbury, Pa.        | 15,570  |
| Superior, Wis.      | 35,325  |
| Swissvale, Pa.      | 16,488  |
| Syracuse, N. Y.     | 220,583 |

## T

|                   |         |
|-------------------|---------|
| Tacoma, Wash.     | 143,673 |
| Tallahassee, Fla. | 27,237  |
| Tampa, Fla.       | 124,681 |
| Taunton, Mass.    | 40,109  |
| Teaneck, N. J.    | 33,772  |
| Temple, Tex.      | 25,467  |
| Terre Haute, Ind. | 64,214  |
| Texarkana, Ark.   | 15,875  |
| Texarkana, Tex.   | 24,753  |
| Texas City, Tex.  | 16,620  |
| Tiffin, Ohio      | 18,952  |
| Toledo, Ohio      | 303,616 |
| Topeka, Kan.      | 78,791  |
| Torrance, Cal.    | 22,241  |
| Torrington, Conn. | 27,820  |
| Traverse, Mich.   | 16,974  |
| Trenton, N. J.    | 128,009 |
| Troy, N. Y.       | 72,311  |
| Tucson, Ariz.     | 45,454  |
| Tulsa, Okla.      | 182,740 |
| Tuscaloosa, Ala.  | 46,396  |
| Twin Falls, Idaho | 17,600  |
| Tyler, Tex.       | 34,968  |

## U

|                   |         |
|-------------------|---------|
| Union, N. J.      | 38,604  |
| Union City, N. J. | 55,537  |
| Uniontown, Pa.    | 20,471  |
| Univ'ty City, Mo. | 39,892  |
| Univ'ty Pk., Tex. | 24,275  |
| Urbana, Ill.      | 22,834  |
| Utica, N. Y.      | 101,531 |

## V

|                   |        |
|-------------------|--------|
| Valdosta, Ga.     | 20,046 |
| Vallejo, Cal.     | 26,038 |
| Val Stream, N. Y. | 26,854 |
| Vancouver, Wash.  | 41,664 |
| Vicksburg, Miss.  | 27,948 |
| Victoria, Tex.    | 16,126 |
| Vincennes, Ind.   | 18,831 |



# 1950 CENSUS — Continued

## W

|                    |         |
|--------------------|---------|
| Waco, Tex.         | 84,706  |
| Wakefield, Mass.   | 19,633  |
| W. Walla, Wash.    | 24,102  |
| Waltham, Mass.     | 47,187  |
| Warren, Ohio       | 49,856  |
| Warwick, R. I.     | 45,028  |
| Washington, D. C.  | 802,178 |
| Washington, Pa.    | 26,280  |
| Waterbury, Conn.   | 104,477 |
| Waterloo, Ia.      | 65,198  |
| Watertown, Mass.   | 37,329  |
| Watertown, N. Y.   | 34,350  |
| Waterville, Me.    | 18,287  |
| Watervliet, N. Y.  | 15,197  |
| Waukegan, Ill.     | 38,946  |
| Waukesha, Wis.     | 21,233  |
| Wausau, Wis.       | 30,414  |
| Wauwatosa, Wis.    | 33,324  |
| Waycross, Ga.      | 18,899  |
| Webster G'ves, Mo. | 23,390  |
| Weirton, W. Va.    | 24,005  |
| Wellesley, Mass.   | 20,549  |
| West Allis, Wis.   | 42,959  |
| West Chester, Pa.  | 15,168  |
| Westfield, N. J.   | 21,243  |
| Westfield, Mass.   | 20,962  |
| W. Hartford, Conn. | 44,402  |
| W. Haven, Conn.    | 32,010  |
| W. Mifflin, Pa.    | 17,985  |
| West N. Y., N. J.  | 37,683  |
| W. Orange, N. J.   | 28,605  |
| W. Palm B., Fla.   | 43,162  |
| W. Sp'gfl'd, Mass. | 20,438  |
| W. Univ. Pl., Tex. | 17,074  |
| W. Warwick, R. I.  | 19,096  |
| Weymouth, Mass.    | 32,690  |
| Wheeling, W. Va.   | 58,891  |
| W'te Plains, N. Y. | 43,466  |
| Whittier, Cal.     | 23,820  |
| Wichita, Kan.      | 168,279 |
| Wich. Falls, Tex.  | 68,042  |
| Wilkes-Barre, Pa.  | 76,826  |
| Wilkinsburg, Pa.   | 31,418  |
| Williamsport, Pa.  | 45,047  |
| Wilmette, Ill.     | 18,162  |
| Wilmington, Del.   | 110,356 |
| Wilmington, N. C.  | 45,043  |
| Wilson, N. C.      | 23,010  |
| Winchester, Mass.  | 15,509  |
| Windham, Conn.     | 15,884  |
| Winona, Minn.      | 25,031  |
| Win. Salem, N. C.  | 87,811  |
| Winthrop, Mass.    | 19,496  |
| Woburn, Mass.      | 20,492  |
| Woodbridge, N. J.  | 35,758  |
| Woonsocket, R. I.  | 50,211  |
| Worcester, Mass.   | 203,486 |
| Wyandotte, Mich.   | 36,846  |

## Y

|                  |         |
|------------------|---------|
| Yakima, Wash.    | 38,486  |
| Yonkers, N. Y.   | 152,798 |
| York, Pa.        | 59,953  |
| Youngstown, Ohio | 168,330 |
| Ypsilanti, Mich. | 18,302  |

## Z

|                  |        |
|------------------|--------|
| Zanesville, Ohio | 40,517 |
|------------------|--------|

## POPULATION BY STATES

|                      | 1950       | 1940       | Change<br>% |
|----------------------|------------|------------|-------------|
| Alabama              | 3,061,743  | 2,832,961  | 8.1         |
| Arizona              | 749,587    | 499,261    | 50.1        |
| Arkansas             | 1,909,511  | 1,949,387  | -2.0        |
| California           | 10,586,223 | 6,907,387  | 53.3        |
| Colorado             | 1,325,089  | 1,123,296  | 18.8        |
| Connecticut          | 2,007,280  | 1,709,242  | 17.4        |
| Delaware             | 318,085    | 266,505    | 19.4        |
| District of Columbia | 802,178    | 663,091    | 21.0        |
| Florida              | 2,771,305  | 1,897,414  | 46.1        |
| Georgia              | 3,444,578  | 3,123,723  | 10.3        |
| Idaho                | 588,637    | 524,873    | 12.1        |
| Illinois             | 8,712,176  | 7,897,241  | 10.3        |
| Indiana              | 3,934,224  | 3,427,796  | 14.8        |
| Iowa                 | 2,621,073  | 2,538,268  | 3.3         |
| Kansas               | 1,905,299  | 1,801,028  | 5.8         |
| Kentucky             | 2,944,806  | 2,845,627  | 3.5         |
| Louisiana            | 2,683,516  | 2,363,880  | 13.5        |
| Maine                | 913,774    | 847,226    | 7.9         |
| Maryland             | 2,343,001  | 1,821,224  | 28.6        |
| Massachusetts        | 4,690,514  | 4,316,721  | 8.7         |
| Michigan             | 6,371,766  | 5,256,108  | 21.2        |
| Minnesota            | 2,982,483  | 2,792,300  | 6.8         |
| Mississippi          | 2,178,914  | 2,183,796  | -0.2        |
| Missouri             | 3,954,658  | 3,784,664  | 4.5         |
| Montana              | 591,024    | 559,456    | 5.6         |
| Nebraska             | 1,325,510  | 1,315,834  | 0.7         |
| Nevada               | 160,083    | 110,247    | 45.2        |
| New Hampshire        | 533,242    | 491,524    | 8.5         |
| New Jersey           | 4,835,329  | 4,160,165  | 16.2        |
| New Mexico           | 681,187    | 531,818    | 28.1        |
| New York             | 14,830,192 | 13,479,142 | 10.1        |
| North Carolina       | 4,061,929  | 3,571,623  | 13.7        |
| North Dakota         | 619,636    | 641,935    | -3.5        |
| Ohio                 | 7,946,627  | 6,907,612  | 15.0        |
| Oklahoma             | 2,233,351  | 2,336,434  | -4.4        |
| Oregon               | 1,521,341  | 1,089,684  | 39.6        |
| Pennsylvania         | 10,498,012 | 9,900,180  | 6.0         |
| Rhode Island         | 791,896    | 713,346    | 11.0        |
| South Carolina       | 2,117,027  | 1,899,804  | 11.4        |
| South Dakota         | 652,740    | 642,961    | 1.5         |
| Tennessee            | 3,291,718  | 2,915,841  | 12.9        |
| Texas                | 7,711,194  | 6,414,824  | 20.2        |
| Utah                 | 688,862    | 550,310    | 25.2        |
| Vermont              | 377,747    | 359,231    | 5.2         |
| Virginia             | 3,318,680  | 2,677,773  | 23.9        |
| Washington           | 2,378,963  | 1,736,191  | 37.0        |
| West Virginia        | 2,005,552  | 1,901,974  | 5.4         |
| Wisconsin            | 3,434,575  | 3,137,587  | 9.5         |
| Wyoming              | 290,529    | 250,742    | 15.9        |

|                               | 1950      | 1940      |
|-------------------------------|-----------|-----------|
| Alaska                        | 128,643   | 72,524    |
| American Samoa                | 18,937    | 12,908    |
| Guam                          | 59,498    | 22,290    |
| Hawaii                        | 499,794   | 423,330   |
| Panama Canal Zone             | 52,822    | 51,827    |
| Puerto Rico                   | 2,210,703 | 1,869,255 |
| Virgin Islands                | 26,665    | 24,889    |
| Military & Naval etc., abroad | —         | 118,933   |

|                              |             |             |
|------------------------------|-------------|-------------|
| Territories and Possessions* | 2,995,450   | 2,477,023   |
| Continental United States    | 150,697,361 | 131,669,275 |
| Total United States          | 153,692,811 | 150,621,231 |

\*Excludes Philippine Islands, established as a Republic — 1946.



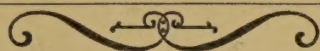


1954 - Head Row and  
Breeders Seed Stocks

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B4512A1-20 Sept 20  
Sunbonet Oct 6  
DBBT Oct 13

# 1955—Calendar—1955



## JANUARY

| SUN | MON | TUE | WED | THU | FRI | SAT |
|-----|-----|-----|-----|-----|-----|-----|
|     |     |     |     |     |     | 1   |
| 2   | 3   | 4   | 5   | 6   | 7   | 8   |
| 9   | 10  | 11  | 12  | 13  | 14  | 15  |
| 16  | 17  | 18  | 19  | 20  | 21  | 22  |
| 23  | 24  | 25  | 26  | 27  | 28  | 29  |
| 30  | 31  |     |     |     |     |     |

## FEBRUARY

| SUN | MON | TUE | WED | THU | FRI | SAT |
|-----|-----|-----|-----|-----|-----|-----|
|     |     | 1   | 2   | 3   | 4   | 5   |
| 6   | 7   | 8   | 9   | 10  | 11  | 12  |
| 13  | 14  | 15  | 16  | 17  | 18  | 19  |
| 20  | 21  | 22  | 23  | 24  | 25  | 26  |
| 27  | 28  |     |     |     |     |     |

## MARCH

| SUN | MON | TUE | WED | THU | FRI | SAT |
|-----|-----|-----|-----|-----|-----|-----|
|     |     | 1   | 2   | 3   | 4   | 5   |
| 6   | 7   | 8   | 9   | 10  | 11  | 12  |
| 13  | 14  | 15  | 16  | 17  | 18  | 19  |
| 20  | 21  | 22  | 23  | 24  | 25  | 26  |
| 27  | 28  | 29  | 30  | 31  |     |     |

## APRIL

| SUN | MON | TUE | WED | THU | FRI | SAT |
|-----|-----|-----|-----|-----|-----|-----|
|     |     |     |     |     | 1   | 2   |
| 3   | 4   | 5   | 6   | 7   | 8   | 9   |
| 10  | 11  | 12  | 13  | 14  | 15  | 16  |
| 17  | 18  | 19  | 20  | 21  | 22  | 23  |
| 24  | 25  | 26  | 27  | 28  | 29  | 30  |

## MAY

| SUN | MON | TUE | WED | THU | FRI | SAT |
|-----|-----|-----|-----|-----|-----|-----|
| 1   | 2   | 3   | 4   | 5   | 6   | 7   |
| 8   | 9   | 10  | 11  | 12  | 13  | 14  |
| 15  | 16  | 17  | 18  | 19  | 20  | 21  |
| 22  | 23  | 24  | 25  | 26  | 27  | 28  |
| 29  | 30  | 31  |     |     |     |     |

## JUNE

| SUN | MON | TUE | WED | THU | FRI | SAT |
|-----|-----|-----|-----|-----|-----|-----|
|     |     |     | 1   | 2   | 3   | 4   |
| 5   | 6   | 7   | 8   | 9   | 10  | 11  |
| 12  | 13  | 14  | 15  | 16  | 17  | 18  |
| 19  | 20  | 21  | 22  | 23  | 24  | 25  |
| 26  | 27  | 28  | 29  | 30  |     |     |

## JULY

| SUN | MON | TUE | WED | THU | FRI | SAT |
|-----|-----|-----|-----|-----|-----|-----|
|     |     |     |     |     | 1   | 2   |
| 3   | 4   | 5   | 6   | 7   | 8   | 9   |
| 10  | 11  | 12  | 13  | 14  | 15  | 16  |
| 17  | 18  | 19  | 20  | 21  | 22  | 23  |
| 24  | 25  | 26  | 27  | 28  | 29  | 30  |
| 31  |     |     |     |     |     |     |

## AUGUST

| SUN | MON | TUE | WED | THU | FRI | SAT |
|-----|-----|-----|-----|-----|-----|-----|
|     | 1   | 2   | 3   | 4   | 5   | 6   |
| 7   | 8   | 9   | 10  | 11  | 12  | 13  |
| 14  | 15  | 16  | 17  | 18  | 19  | 20  |
| 21  | 22  | 23  | 24  | 25  | 26  | 27  |
| 28  | 29  | 30  | 31  |     |     |     |

## SEPTEMBER

| SUN | MON | TUE | WED | THU | FRI | SAT |
|-----|-----|-----|-----|-----|-----|-----|
|     |     |     |     |     | 1   | 2   |
| 3   | 4   | 5   | 6   | 7   | 8   | 9   |
| 10  | 11  | 12  | 13  | 14  | 15  | 16  |
| 17  | 18  | 19  | 20  | 21  | 22  | 23  |
| 24  | 25  | 26  | 27  | 28  | 29  | 30  |

## OCTOBER

| SUN | MON | TUE | WED | THU | FRI | SAT |
|-----|-----|-----|-----|-----|-----|-----|
|     |     |     |     |     |     | 1   |
| 2   | 3   | 4   | 5   | 6   | 7   | 8   |
| 9   | 10  | 11  | 12  | 13  | 14  | 15  |
| 16  | 17  | 18  | 19  | 20  | 21  | 22  |
| 23  | 24  | 25  | 26  | 27  | 28  | 29  |
| 30  | 31  |     |     |     |     |     |

## NOVEMBER

| SUN | MON | TUE | WED | THU | FRI | SAT |
|-----|-----|-----|-----|-----|-----|-----|
|     |     | 1   | 2   | 3   | 4   | 5   |
| 6   | 7   | 8   | 9   | 10  | 11  | 12  |
| 13  | 14  | 15  | 16  | 17  | 18  | 19  |
| 20  | 21  | 22  | 23  | 24  | 25  | 26  |
| 27  | 28  | 29  | 30  |     |     |     |

## DECEMBER

| SUN | MON | TUE | WED | THU | FRI | SAT |
|-----|-----|-----|-----|-----|-----|-----|
|     |     |     |     |     | 1   | 2   |
| 3   | 4   | 5   | 6   | 7   | 8   | 9   |
| 10  | 11  | 12  | 13  | 14  | 15  | 16  |
| 17  | 18  | 19  | 20  | 21  | 22  | 23  |
| 24  | 25  | 26  | 27  | 28  | 29  | 30  |
| 31  |     |     |     |     |     |     |



